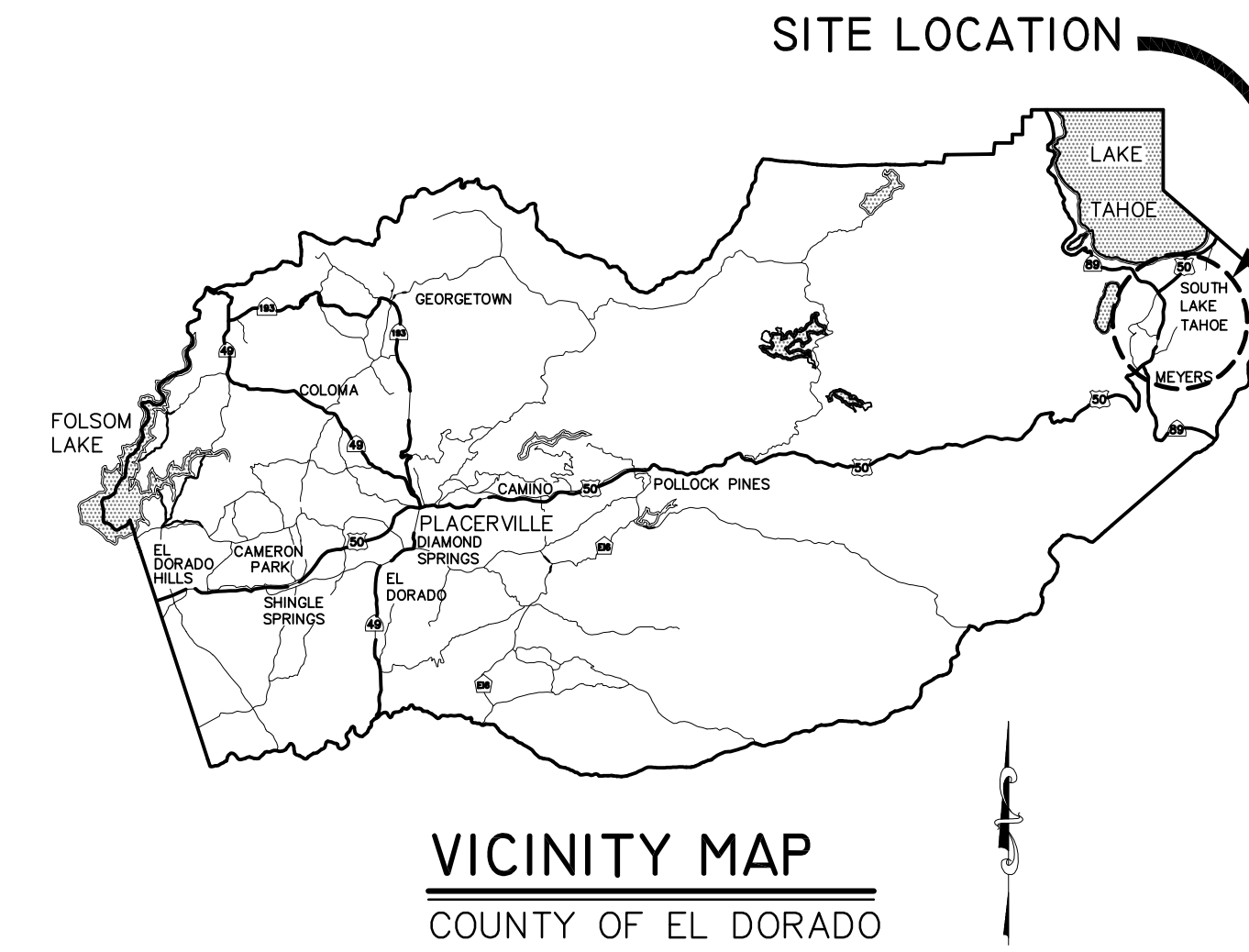


DEPARTMENT OF TRANSPORTATION  
COUNTY OF EL DORADO, CA

PROJECT PLANS FOR THE CONSTRUCTION OF  
**MONTGOMERY ESTATES AREA 1B**  
**EROSION CONTROL PROJECT**

IN THE COUNTY OF EL DORADO, DISTRICT 5  
WITHIN THE PORTIONS OF THE MONTGOMERY ESTATES AT LAKE CHRISTOPHER  
UNITS 1, 2, 3, AND LAKE CHRISTOPHER SUBDIVISIONS

To be supplemented with Standard Plans and Specifications dated May 2006, including the amendments to the May 2006 Standard Specifications, of the California Department of Transportation, unless otherwise noted.



BOARD OF SUPERVISORS  
I JOHN R. KNIGHT  
II RAYMOND J. NUTTING  
III JAMES SWEENEY  
IV RON V. BRIGGS  
V NORMA SANTIAGO

COUNTY OF EL DORADO  
DEPARTMENT OF  
TRANSPORTATION  
(530) 573-7900  
924 B EMERALD BAY ROAD 2850 FAIRLANE CT  
SOUTH LAKE TAHOE, CA PLACERVILLE, CA  
96150 96067

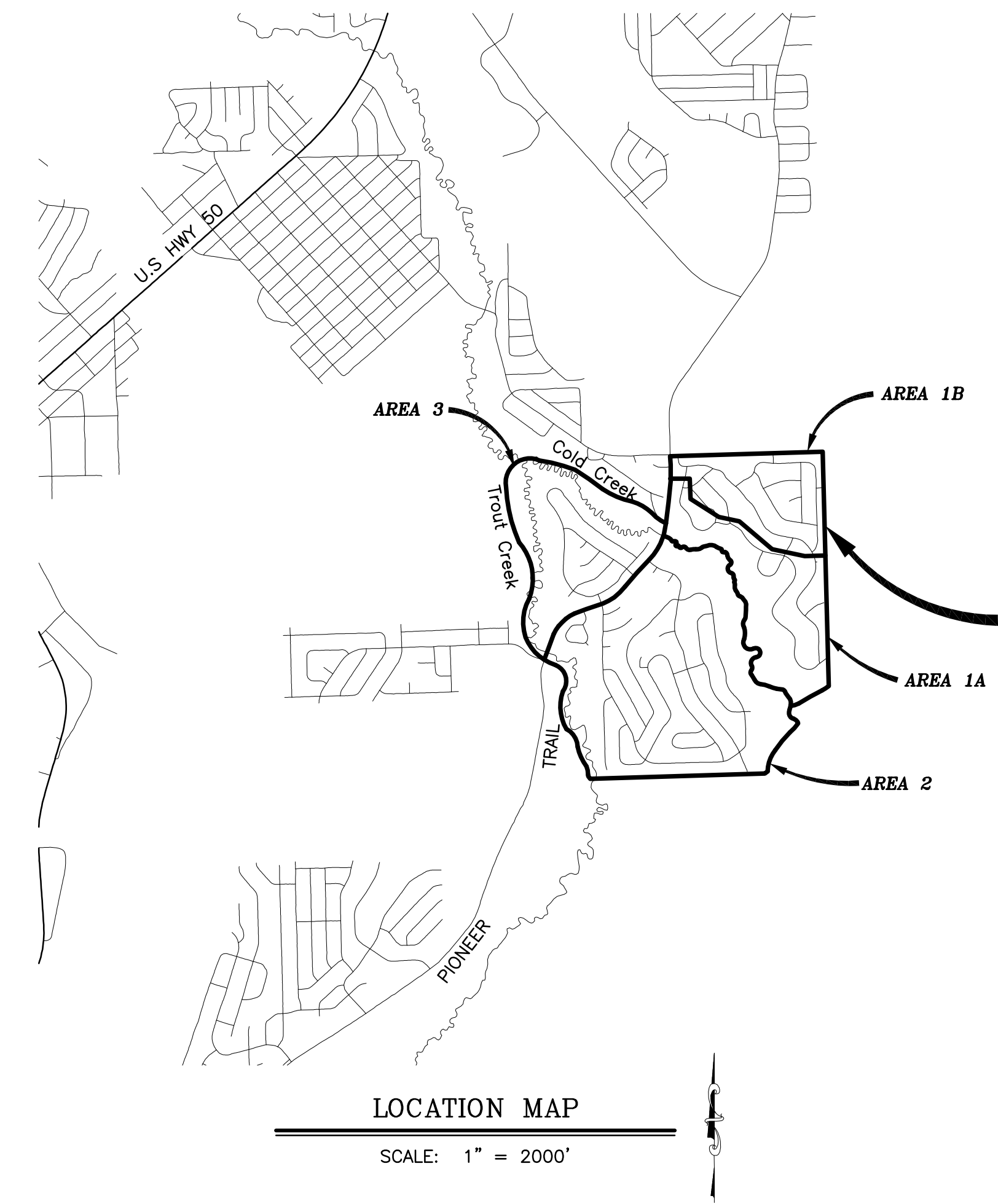
ADOPTED AND APPROVED BY:  
JOHN R. KNIGHT, CHAIR, BOARD OF SUPERVISORS, EL DORADO COUNTY  
KIMBERLY L. KEES, INTERIM DIRECTOR, COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION  
STEVE P. KOOYMAN, REG. NO. 55757, CIVIL ENGINEERING, TRANSPORTATION PLANNING & LAND DEVELOPMENT, COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION

DATE \_\_\_\_\_ DATE \_\_\_\_\_ DATE \_\_\_\_\_

CONTRACT NO. PW 11-30603, CIP NO. 95193  
MONTGOMERY ESTATES AREA 1B  
EROSION CONTROL PROJECT  
TITLE SHEET  
SHEET I OF 28

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FUNDING AGENCY  
USDA FOREST SERVICE

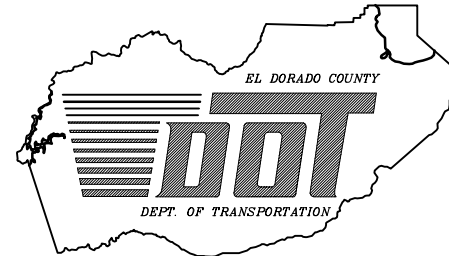


SUBMITTED BY: STEVE P. KOOYMAN DATE \_\_\_\_\_  
CIVIL ENGINEER  
STATE OF CALIFORNIA NO. 55757

CONTRACTOR'S LICENSE CLASSIFICATION: Bidders shall be properly licensed to perform the Work pursuant to the State Contractor's License Law (Business and Professions Code section 7000 et seq.) and shall possess a CLASS A LICENSE or equivalent combination of Classes required by the categories and type of Work included in the Contract Documents and Plans at the time the Contract is awarded, and shall maintain a valid license through completion and acceptance of the Work including guarantee and warranty period. If the Contractor possesses a Class A license instead of the equivalent combination of Classes required by the categories and type of work included in the Contract Documents and Plans, then the Contractor or a subcontractor must also possess a CLASS C27 "Landscaping Contractor" license. Failure of the successful Bidder to obtain proper and adequate licensing for an award of the Contract shall constitute a failure to execute the Contract, and shall result in forfeiture of the Bidders security.

REVISIONS

MARK	DATE	BY



GENERAL NOTES

- ALL IMPROVEMENTS SHALL BE ACCOMPLISHED UNDER THE APPROVAL, INSPECTION, AND TO THE SATISFACTION OF THE EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION (DOT). IMPROVEMENT CONSTRUCTION SHALL COMPLY WITH THESE PLANS AND THE MAY 2006 CALTRANS STANDARD PLANS, UNLESS NOTED OTHERWISE. ALL REFERENCES TO THE "STANDARD SPECIFICATIONS" SHALL MEAN THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS, MAY 2006, INCLUDING THE AMENDMENTS TO THE MAY 2006 STANDARD SPECIFICATIONS. CONSTRUCTION NOT SPECIFIED ON THESE PLANS OR IN SPECIFIC EL DORADO COUNTY (COUNTY) ORDINANCES SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR IS OBLIGATED TO BE FAMILIAR WITH APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS NOT DISCUSSED IN THE GENERAL NOTES. THE CONTRACT SPECIAL PROVISIONS SHALL SUPERSEDE THOSE OF THE STANDARD SPECIFICATIONS WHERE DISCREPANCIES OCCUR.
- CONSTRUCTION HOURS SHALL BE WEEKDAYS BETWEEN 8:00 A.M. AND 6:30 P.M. UNLESS PRIOR APPROVAL IS RECEIVED FROM THE COUNTY DOT.
- THE LOCATIONS AND EXTENT OF EXISTING UNDERGROUND UTILITIES IN THE WORK AREA AS SHOWN ARE APPROXIMATE AND ARE NOT NECESSARILY COMPLETE. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE EXISTING UTILITIES BASED UPON AVAILABLE RECORDS. THE CONTRACTOR SHALL DETERMINE THE TYPE, LOCATION, SIZE, AND/OR DEPTH OF THE EXISTING UTILITIES WITHIN THE WORK AREA BEFORE COMMENCING WORK. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT (800) 642-2444 AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION. SEE SPECIAL PROVISIONS FOR CONTRACTOR NOTIFICATION REQUIREMENTS. THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR DAMAGED UTILITIES.
- UNLESS NOTED OTHERWISE ON THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE, PLACE, AND MAINTAIN ALL LIGHTS, SIGNS, BARRICADES, FLAG PERSONS, PILOT CAR, OR OTHER DEVICES NECESSARY TO CONTROL TRAFFIC THROUGH THE CONSTRUCTION AREA AND FOR PUBLIC SAFETY IN ACCORDANCE WITH THESE PLANS, THE STANDARD SPECIFICATIONS, AND THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, AND FURTHER AGREES THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS IN ACCORDANCE WITH THE PROVISIONS OUTLINED BY THE PROJECT CONTRACT AND STANDARD SPECIFICATIONS.
- THERE SHALL BE NO GRADING OR LAND DISTURBANCE PERFORMED WITH RESPECT TO THE PROJECT BETWEEN OCTOBER 15 AND MAY 1 UNLESS PROPER APPROVALS ARE OBTAINED FROM THE TAHOE REGIONAL PLANNING AGENCY (TRPA), AS PROVIDED IN THE LIMITED EXEMPTION DESCRIBED IN CHAPTER 64, SUBSECTION 64.2.B. OF THE TRPA CODE OF ORDINANCES. APPROVALS FOR GRADING BETWEEN OCTOBER 15 AND MAY 1 MUST ALSO BE OBTAINED FROM THE REGIONAL WATER QUALITY CONTROL BOARD, LAHONTAN. IF REQUIRED, THE COUNTY SHALL OBTAIN THESE APPROVALS.
- THE CONTRACTOR SHALL MAINTAIN A SET OF PLANS ON THE JOB SHOWING "AS-CONSTRUCTED" CHANGES MADE TO DATE. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL SUPPLY TO THE COUNTY A SET OF PLANS, MARKED UP TO THE SATISFACTION OF THE COUNTY, REFLECTING THE AS-CONSTRUCTED MODIFICATIONS.
- ALL CONTROL STATIONING AND DATA DIMENSIONING ARE REFERENCED TO THE CENTERLINE OF THE FACILITY SHOWN UNLESS OTHERWISE NOTED. STATIONING AND DIMENSIONING FOR THE CONCRETE CURB AND GUTTER IS ALONG THE TOP BACK OF CURB.
- AT NO TIME SHALL THE CONTRACTOR UNDERTAKE TO CLOSE OFF ANY EXISTING UTILITY LINES OR OPEN VALVES OR TAKE ANY OTHER ACTION WHICH WOULD AFFECT THE OPERATION OF EXISTING WATER OR SEWER SYSTEMS WITHOUT PRIOR APPROVAL FROM THE SOUTH TAHOE PUBLIC UTILITY DISTRICT (STPUD). APPROVAL SHALL BE REQUESTED AT LEAST 48 HOURS IN ADVANCE OF THE TIME THAT THE INTERRUPTION OF THE EXISTING SYSTEM IS REQUIRED. ANY INTERRUPTION OF SERVICE TO ACTIVE WATER OR SEWER SERVICES, INCLUDING FIRE HYDRANTS, WHETHER INTENTIONAL OR NOT, MUST BE KEPT TO A MINIMUM TIME PERIOD. IF SERVICE TO BUILDINGS IS TO BE OFF FOR MORE THAN FOUR HOURS, THE CONTRACTOR MUST ADVISE STPUD.
- THE CONTRACTOR SHALL BE REQUIRED TO PERFORM PREVENTIVE DUST CONTROL MEASURES TO ENSURE THAT DUST RESULTING FROM THE CONTRACTOR'S PERFORMANCE OF THE WORK IS CONTROLLED IN CONFORMANCE WITH THE PROVISIONS OF SECTION 7, "LEGAL RELATIONS AND RESPONSIBILITY," OF THE STANDARD SPECIFICATIONS, COUNTY, AND LOCAL ORDINANCES. SEE SPECIAL PROVISIONS REGARDING SWEEPING REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING ALL TEMPORARY EROSION CONTROL MEASURES. THE EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE TRPA "HANDBOOK OF BEST MANAGEMENT PRACTICES" AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE DOT SHALL CONTACT TRPA PRIOR TO THE COMMENCEMENT OF WORK FOR A PRE-GRADING INSPECTION OF THE INSTALLED TEMPORARY EROSION CONTROL FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND PERFORMANCE OF THE TEMPORARY EROSION CONTROL MEASURES THROUGHOUT THE DURATION OF THE PROJECT. SEE SPECIAL PROVISIONS REGARDING TEMPORARY EROSION CONTROL FACILITY REMOVAL.
- CONSTRUCTION LIMITS SHOWN ON THE PLANS DELINEATE BOUNDARIES FOR THE CONTRACTOR'S OPERATIONS OUTSIDE THE COUNTY STREET RIGHT-OF-WAY. CONSTRUCTION LIMIT FENCING SHALL BE ERECTED ALONG THESE BOUNDARIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. WITHIN THE CONSTRUCTION LIMITS, EXISTING VEGETATION SHALL BE PROTECTED TO THE EXTENT FEASIBLE. ALL EXISTING TREES SHALL BE PROTECTED UNLESS SHOWN ON THE PLANS TO BE REMOVED. SEE SPECIAL PROVISIONS REGARDING PAYMENT FOR TREE REMOVAL.
- ALL REVEGETATION SHOWN ON THE PLANS IS TO BE COMPLETED BY OTHERS, UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL USE ONLY DESIGNATED SPECIFIC SITES FOR STORAGE OF EQUIPMENT AND MATERIALS AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY OF ALL EQUIPMENT AND MATERIALS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND HIS SUBCONTRACTOR(S) TO EXAMINE THE PROJECT SITE PRIOR TO THE OPENING OF BID PROPOSALS. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED, SUCH AS THE NATURE AND LOCATION OF THE WORK AND THE GENERAL AND LOCAL CONDITIONS, PARTICULARLY THOSE AFFECTING THE AVAILABILITY OF TRANSPORTATION, THE DISPOSAL, HANDLING, AND STORAGE OF MATERIALS, AVAILABILITY OF LABOR, WATER, ELECTRICITY, ROADS, THE UNCERTAINTIES OF WEATHER, THE CONDITIONS OF THE GROUND, SURFACE AND SUBSURFACE MATERIALS, THE EQUIPMENT AND FACILITIES NEEDED PRIMARILY FOR AND DURING THE PERFORMANCE OF THE WORK, AND THE COSTS THEREOF. ANY FAILURE BY THE CONTRACTOR AND SUBCONTRACTOR(S) TO ACQUAINT HIMSELF WITH ALL THE AVAILABLE INFORMATION WILL NOT RELIEVE HIM FROM RESPONSIBILITY FOR PROPERLY ESTIMATING THE DIFFICULTY AND COST OF SUCCESSFULLY PERFORMING THE WORK.
- ELEVATIONS SHOWN ON THE PLANS FOR PIPE INVERTS, TOPS OF GRATES, RIMS, CURBS, ETC., ARE BASED UPON THE TOPOGRAPHIC INFORMATION SHOWN ON THE PLANS. THE CONTRACTOR SHALL VERIFY ALL NECESSARY SURFACE ELEVATIONS IN THE FIELD AND NOTIFY THE DOT OF ANY DISCREPANCIES, WHICH MIGHT AFFECT PROPER OPERATION OF THE NEW FACILITIES BEFORE BREAKING GROUND AND PRIOR TO FACILITY INSTALLATION. THE DOT SHALL BE CONTACTED IN THE EVENT ELEVATIONS ARE INCORRECT SO THAT THE PROPER ADJUSTMENTS CAN BE MADE PRIOR TO THE INSTALLATION OF THE FACILITIES.
- THE CONTRACTOR SHALL OBTAIN AT HIS OWN EXPENSE ALL PERMITS, LICENSES, INSURANCE POLICIES, ETC., NOT ALREADY OBTAINED BY DOT, AS MAY BE NECESSARY TO COMPLY WITH STATE AND LOCAL LAWS ASSOCIATED WITH THE PERFORMANCE OF THE WORK. SEE SPECIAL PROVISIONS.
- THE CONTRACTOR IS RESPONSIBLE TO REVIEW THE CONTRACT DOCUMENTS FOR ALL SUBMITTALS REQUIRED FOR COUNTY REVIEW AND ACCEPTANCE.
- THE COUNTY WILL FURNISH THE CONSTRUCTION STAKING TO THE CONTRACTOR AS SET FORTH IN THE SPECIAL PROVISIONS.
- CONTRACTOR SHALL NOTE THAT THE PLANS SHOW BOTH HORIZONTAL AND SLOPE (ACTUAL) LENGTHS FOR PIPE. ALL PIPE LENGTHS AND INVERT ELEVATIONS SHOWN ON THE PLANS ARE TO THE CENTERLINE OF THE STRUCTURES TO WHICH THE PIPES ARE ATTACHED, SEE SPECIAL PROVISIONS FOR THE MAXIMUM ALLOWABLE DEFLECTION ANGLE AT EACH PIPE JOINT.
- THE LIMITS OF GRADING BEHIND THE PROPOSED CURB ARE SHOWN ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE TO PLACE FILL BEHIND THE CURB AS SHOWN ON THE PLANS, DETAILS, AND AS DIRECTED BY THE ENGINEER. SEE SPECIAL PROVISIONS FOR THE RAW EARTHWORK QUANTITIES ASSOCIATED WITH GRADING BEHIND THE PROPOSED CURB.
- SEE SPECIAL PROVISIONS AND SHEET G-1 (BORING LOGS) FOR EXISTING SUBSURFACE INFORMATION.

ABBREVIATIONS

NOTE: LOWER CASE TEXT WITHIN PLAN SET INDICATES EXISTING

△	DELTA = DEFLECTION ANGLE	LP	LOW POINT
A	ASPEN	LT	LEFT
AB	AGGREGATE BASE	LTD	LAKE TAHOE DATUM
ABAND	ABANDONED	MISC	MISCELLANEOUS
AC	ASPHALT CONCRETE	MOC	MID POINT ON CURVE
ACS	ASPHALT CONCRETE SWALE	N	NORTH
ACP	ASBESTOS CEMENT PIPE	NIC	NOT IN CONTRACT
AP	ANGLE POINT	NTS	NOT TO SCALE
APN	ASSESSOR'S PARCEL NUMBER	OAE	OR APPROVED EQUAL
AV/AR	AIR VACUUM/AIR RELEASE VALVE	OC	ON CENTER
BC	BEGIN CURVE	OD	OUTSIDE DIAMETER
BCR	BEGIN CURB RETURN	OH	OVERHEAD
BGN	BEGIN	O/S	OVERSIDE
BLVD	BOULEVARD	P	PINE
BO	BLOW OFF	PC	POINT OF BEGINNING OF CURVE
BR	BOTTOM OF ROCK	PCC	PORTLAND CEMENT CONCRETE
BVCE	BEGIN VERTICAL CURVE ELEVATION	PERF	PERFORATED
BVCS	BEGIN VERTICAL CURVE STATION	PL	PROPERTY LINE
C	CEDAR	POCC	POINT OF COMPOUND CURVE
C STA	CUL-DE-SAC STATIONING	POCVCE	POINT OF COMPOUND VERTICAL CURVE ELEVATION
CALC'S	CALCULATIONS	POCVCS	POINT OF COMPOUND VERTICAL CURVE STATION
CC	CENTER TO CENTER	POR	PORTION
CF	CUBIC FEET OR CURB FACE	PORVCE	POINT OF REVERSE VERTICAL CURVE ELEVATION
CHD	CHORD DIRECTION	PORVCS	POINT OF REVERSE VERTICAL CURVE STATION
CIR	CIRCLE	PP	POWER/UTILITY POLE
CL	CENTERLINE	PRC	POINT OF REVERSE CURVE
CLF	CLASS OR CENTERLINE	PROP	PROPOSED
CLF	CONSTRUCTION LIMIT FENCE	PT	POINT OR POINT OF TANGENCY
CLR	CLEAR	PUE	PUBLIC UTILITY EASEMENT
CO	CURB OPENING	PVC	POLYVINYL CHLORIDE
CO	COUNTY	PVE	POINT OF VERTICAL INTERSECTION ELEVATION
CONC	CONCRETE	PVIS	POINT OF VERTICAL INTERSECTION STATION
CONST	CONSTRUCT	R	RADIUS
CMP	CORRUGATED METAL PIPE	R&R	REMOVE & REPLACE
CT	CALTRANS OR COURT	RC	RELATIVE COMPACTION
CTC	CALIFORNIA TAHOE CONSERVANCY	RCP	REINFORCED CONCRETE PIPE
CY	CUBIC YARD	RD	ROAD
C&G	CURB AND GUTTER	REF	REFERENCE
D	DEPTH	REQ'D	REQUIRED
DB	DRAIN BASIN	RLC	ROCK-LINED CHANNEL
DBL	DOUBLE	ROW	RIGHT-OF-WAY
DET	DETAIL	RR	RAILROAD
DI	DRAINAGE INLET OR DUCTILE IRON	RSP	ROCK SLOPE PROTECTION
DIA OR Ø	DIAMETER	RT	RIGHT
DISS	DISSIPATOR	S	SOUTH OR SANITARY SEWER
DR	DRIVE	SCO	SEWER CLEAN OUT
D/W	DRIVEWAY	SD	STORM DRAIN
E	EAST	SDMH	STORM DRAIN MANHOLE
EA	EACH	SF	SQUARE FEET
EC	END OF CURVE	SHT	SHEET
ECR	END OF CURB RETURN	SL	SLOPE LENGTH
EG	EXISTING GRADE	SLI	SLOPE LENGTH IN PAVEMENT
ELEV	ELEVATION	SLO	SLOPE LENGTH OUT OF PAVEMENT
ELEC	ELECTRIC	SMH	SEWER MANHOLE
EOP	END OF PIPE	SP	SPECIAL PROVISIONS
EP	EDGE OF PAVEMENT	ST	SEDIMENT TRAP OR STREET
ESMT	EASEMENT	STA	STATION
EVCE	END VERTICAL CURVE ELEVATION	STD	STANDARD
EVCS	END VERTICAL CURVE STATION	STL	STEEL
EX	EXISTING	SWPPP	STORM WATER POLLUTION PREVENTION PLAN
F	FIR	STPUD	SOUTH TAHOE PUBLIC UTILITY DISTRICT
FES	FLARED END SECTION	T	TELEPHONE
FF	FILTER FENCE	TBC	TOP BACK OF CURB
FG	FINISHED GRADE	TBD	TOP BACK OF DIKE
FH	FIRE HYDRANT	TD	TOP OF DIKE
FL	FLOWLINE	TBM	TEMPORARY BENCHMARK
FM	FORCE MAIN	TBR	TO BE REMOVED
FMHM	FORCE MAIN MANHOLE	TG	TOP OF GRATE
FS	FINISH SURFACE	TR	TOP OF ROCK
G	GAS	TRANS	TRANSITION
GA	GALUGE	TRPA	TAHOE REGIONAL PLANNING AGENCY
GB	GRADE BREAK	TTL	TOTAL
GLS	GRASS-LINED SWALE	TW	TOP OF WALL
GV	GAS VALVE	TYP	TYPICAL
H	HORIZONTAL	UG	UNDERGROUND
HDPE	HIGH DENSITY POLYETHYLENE	UKN	UNKNOWN
HP	HIGH POINT	USFS	UNITED STATES FOREST SERVICE
ID	INSIDE DIAMETER	V	VERTICAL
IE	INVERT ELEVATION	W	WEST OR WATER
INST	INSTALL	W/	WITH
INTRXN	INTERSECTION	W/O	WITHOUT
L	LENGTH	WC	WILLOW CLUSTER
LC	LENGTH OF CHORD	WV	WATER VALVE
LF	LINEAR FEET		

LEGEND

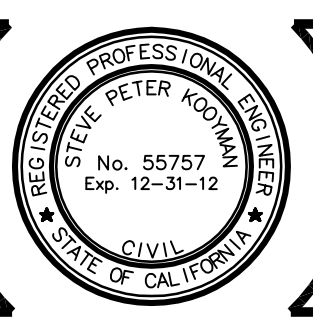
EXISTING	PROPOSED
(SCREENED AND/OR DASHED) EXISTING (AS NOTED)	--- CENTERLINE
--- RIGHT-OF-WAY LINE	--- SAWCUT (AS NOTED)
--- PROPERTY LINE	--- MISC PAVING (ROADWAY)
--- LIMITS OF TEMPORARY CONSTRUCTION EASEMENT	--- TIE-IN PAVEMENT (ROADWAY)
--- LAND CAPABILITY BOUNDARY	--- AC REMOVE (ROADWAY)
--- SEZ SETBACK	--- AC REMOVE & RESTORE
--- ROCK	--- AC D/W REMOVE & REPLACE
XXXX.X ELEVATION	--- MISCELLANEOUS GRADING
o smh SEWER MANHOLE	XXXX.XX ELEVATION
o sco SEWER CLEAN OUT	XXXX.XX ELEVATION, LT, EG, CL, RT (PROFILE ONLY)
■ DRAINAGE INLET	--- ROLLED C&G
gm GAS METER	○ SEDIMENT TRAP OR DRAIN BASIN
WV WATER VALVE	□ DRAINAGE INLET
WM WATER METER	V CUT OR FILL SLOPE
⊙ MONITORING WELL	⊗ DETAIL REF NUMBER SHEET NUMBER
--- w --- WATER LINE	--- s --- SEWER LINE
--- g --- GAS LINE	--- fm --- SEWER FORCE MAIN
--- sd --- STORM DRAIN	--- oh --- OVERHEAD ELECTRIC
--- oh --- OVERHEAD ELECTRIC	⊙ POWER/UTILITY POLE
⊙ POWER/UTILITY POLE	⊙ UTILITY POLE & GUY ANCHOR
⊙ UTILITY POLE & GUY ANCHOR	⊙ FIRE HYDRANT
⊙ FIRE HYDRANT	--- AC DIKE
--- AC DIKE	△ RETAINING WALL
△ RETAINING WALL	--- OVERSLOPE DRAIN
--- OVERSLOPE DRAIN	⊙ 24" P TREE, DIAMETER AND TYPE
⊙ 24" P TREE, DIAMETER AND TYPE	⊙ STUMP
⊙ STUMP	--- c --- CUT
--- c --- CUT	--- f --- FILL
--- f --- FILL	

UTILITIES

CABLE TELEVISION	CHARTER COMMUNICATIONS, (775) 588-1077
NATURAL GAS	SOUTHWEST GAS, (530) 543-3225
ELECTRIC	LIBERTY ENERGY, (530) 541-6400
SEWER & WATER	SOUTH TAHOE PUD, (530) 544-6474
TELEPHONE	ATT, (530) 888-2031
STORM DRAIN	EL DORADO COUNTY DOT, (530) 573-3180

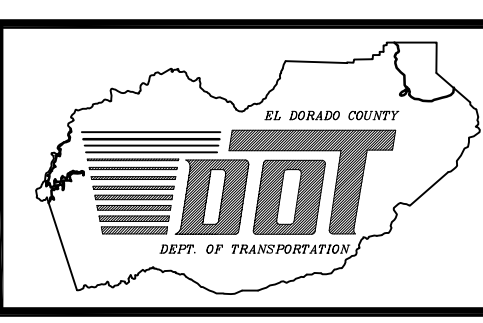
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
*[Signature]*  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/16/2012

DESIGNED: DWK  
 DRAWN: JTC  
 CHECKED: DSP  
 DATE: 01/2011  
 ROAD NUMBER:

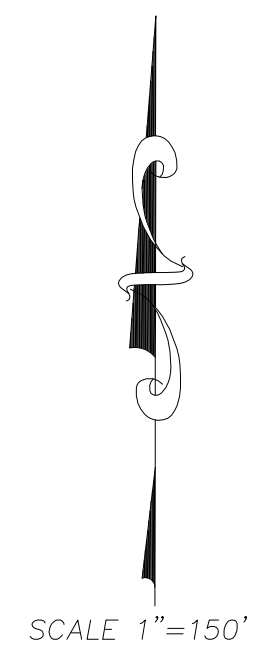
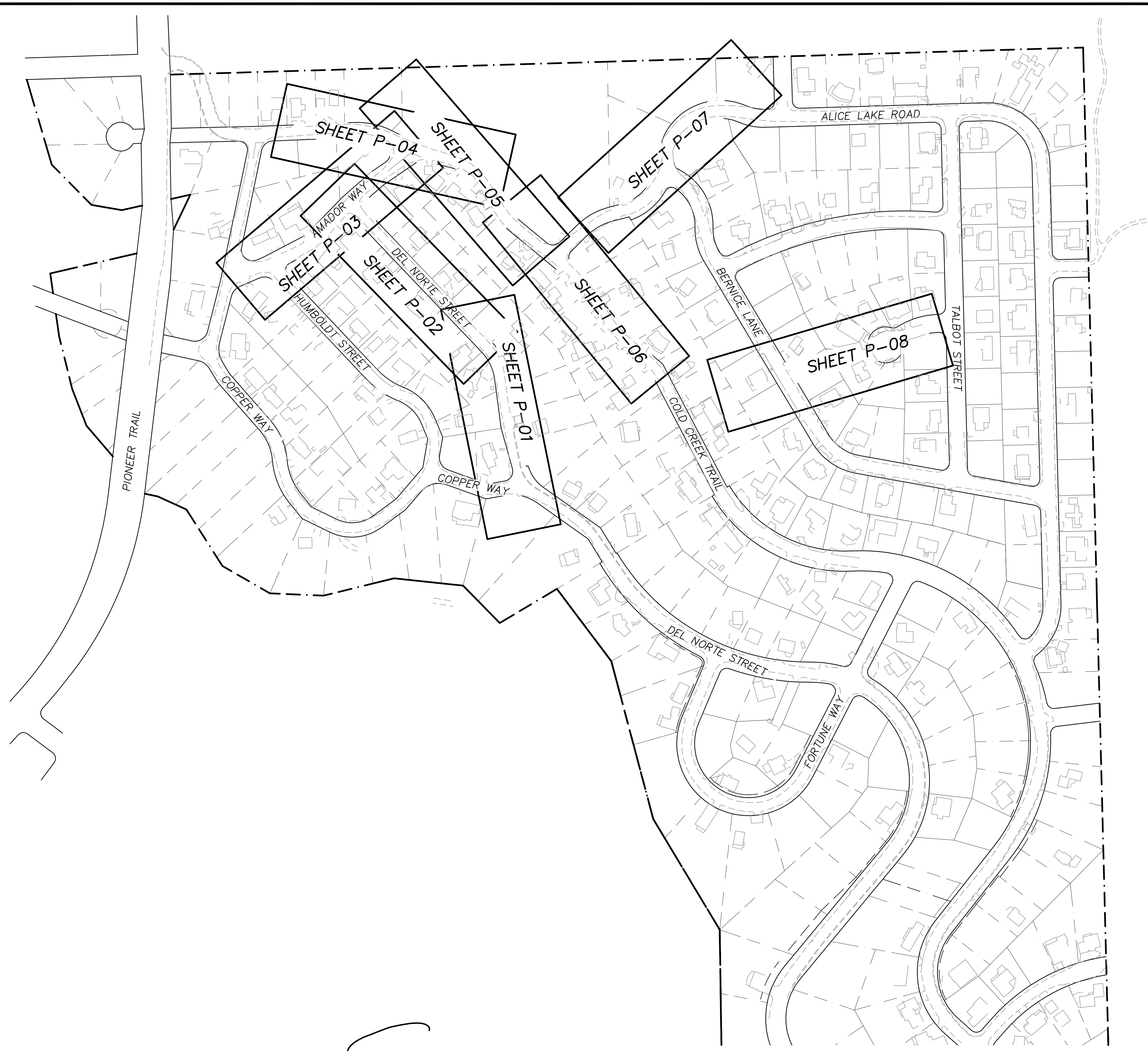


EL DORADO COUNTY  
 DEPARTMENT OF TRANSPORTATION

MONTGOMERY ESTATES AREA 1B  
 GENERAL NOTES, ABBREVIATIONS, AND LEGEND

SHEET 11  
 of 28  
 CONTRACT No. PW 11-30603  
 CIP No. 05103

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 2 1 0

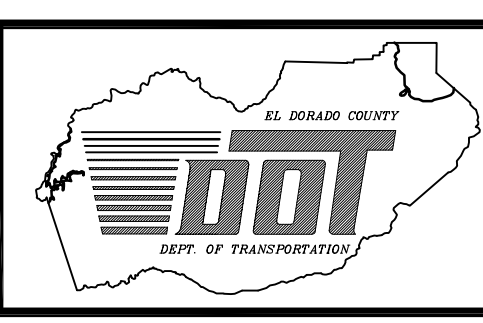


REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
*Steven Peter*  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/16/2012

DESIGNED: DWK  
 DRAWN: JTC  
 CHECKED: DSP  
 DATE: 01/2011  
 ROAD NUMBER:

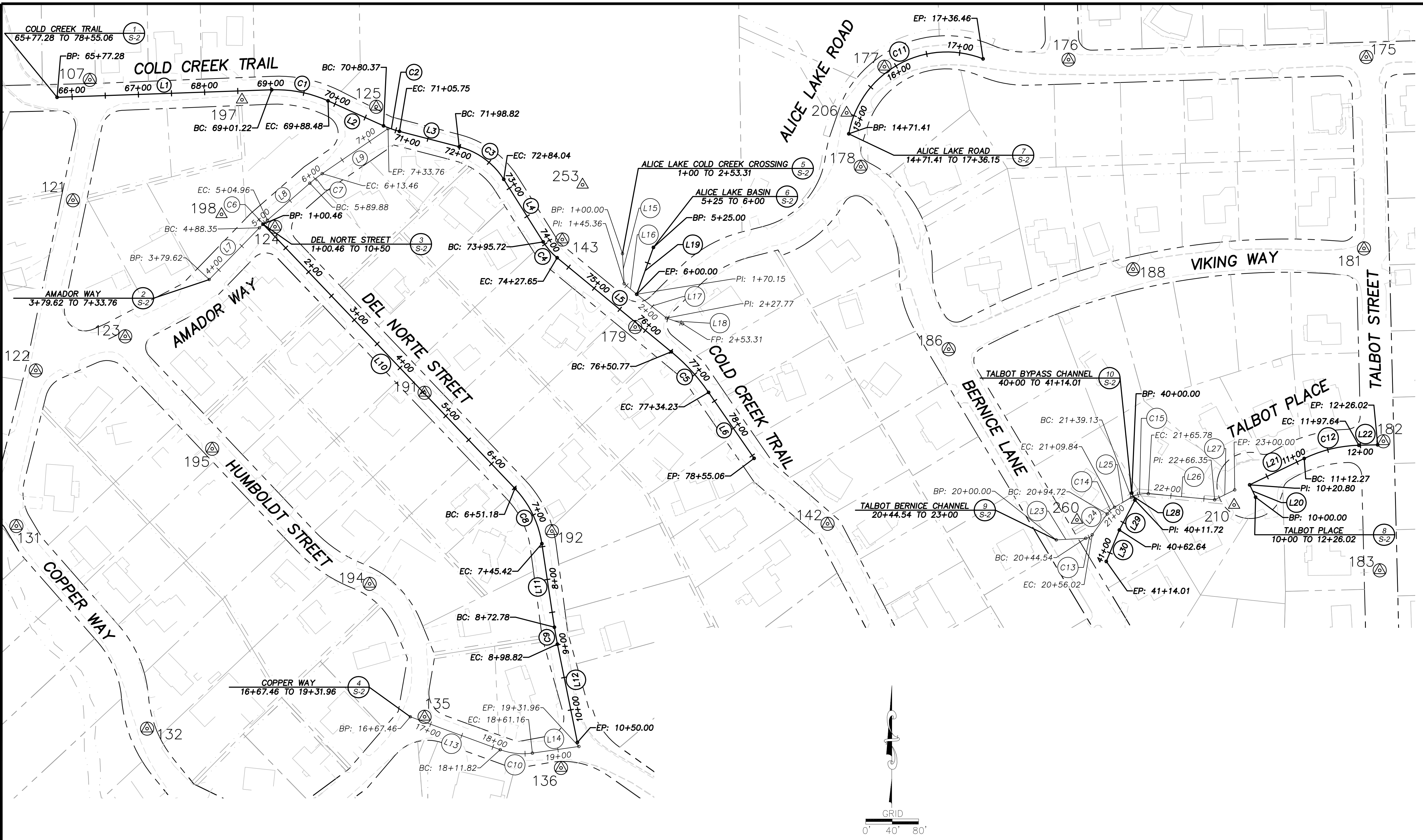


EL DORADO COUNTY  
 DEPARTMENT OF TRANSPORTATION

MONTGOMERY ESTATES AREA 1B  
 SHEET INDEX

SHEET III  
 3 of 28  
 CONTRACT NO. PW 11-30603  
 CIP No. 05103

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES  
2  
1  
0  
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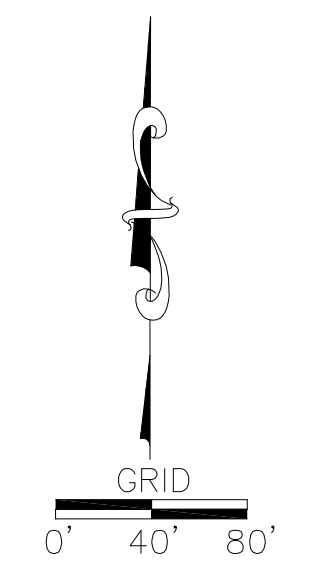
CONTROL TABLE				
CONTROL NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
107	2100551.83	7141841.18	6364.96	5/8" CAPPED RBAR
121	2100370.12	7141815.82	6355.29	MAG NAIL
122	2100113.30	7141759.70	6352.87	MAG NAIL
123	2100164.78	7141894.54	6358.94	MAG NAIL
124	2100330.12	7142120.43	6382.68	MAG NAIL
125	2100511.16	7142273.13	6392.98	5/8" CAPPED RBAR
131	2099878.56	7141730.38	6347.33	MAG NAIL
132	2099577.57	7141928.63	6351.74	MAG NAIL
135	2099590.72	7142346.02	6372.82	MAG NAIL
136	2099513.55	7142551.83	6395.95	MAG NAIL
142	2099881.96	7142953.86	6466.27	MAG NAIL
143	2100310.80	7142553.80	6436.75	5/8" CAPPED RBAR
175	2100586.23	7143766.42	6513.11	MAG NAIL
176	2100582.22	7143317.29	6480.15	MAG NAIL
177	2100571.58	7143039.64	6453.95	MAG NAIL
178	2100420.61	7143003.94	6456.40	MAG NAIL
179	2100178.86	7142663.71	6443.41	MAG NAIL
181	2100297.43	7143762.90	6521.85	MAG NAIL
182	2100006.43	7143792.22	6540.20	MAG NAIL
183	2099811.72	7143786.64	6540.36	MAG NAIL
186	2100145.41	7143136.58	6483.25	MAG NAIL
188	2100266.08	7143414.70	6494.20	MAG NAIL
191	2100079.64	7142346.06	6406.10	MAG NAIL
192	2099870.85	7142538.05	6416.94	5/8" CAPPED RBAR
194	2099791.32	7142263.19	6387.06	MAG NAIL
195	2099995.16	7142025.77	6370.34	MAG NAIL
197	2100521.75	7142070.70	6374.20	5/8" CAPPED RBAR
198	2100348.92	7142039.78	6374.40	5/8" CAPPED RBAR
206	2100501.85	7142982.59	6452.63	MAG NAIL
210	2099910.30	7143567.04	6526.59	MAG NAIL
253	2100393.48	7142584.34	6420.93	5/8" CAPPED RBAR
260	2099887.76	7143330.04	6499.61	5/8" CAPPED RBAR

**LEGEND**

LINE LABEL (L)  
 CURVE LABEL (C)  
 PROJECT CONTROL (XX)  
 SUPPLEMENTAL CONTROL (XX)  
 RIGHT OF WAY (---)  
 LOT LINE (---)  
 EASEMENT LINE (---)  
 EDGE OF PAVEMENT (---)

**HORIZONTAL DATUM**  
 BASIS OF BEARING FOR SURVEY CONTROL IS GRID NORTH,  
 CALIFORNIA COORDINATE SYSTEM (NAD 83) ZONE 2, US SURVEY FT, 1991.35  
 EPOCH, ESTABLISHED USING CONVENTIONAL MEASUREMENTS TO CONTROL POINTS  
 SHOWN ON THIS SHEET.

**VERTICAL DATUM**  
 ELEVATION DATUM IS BASED UPON THE NORTH AMERICAN VERTICAL  
 DATUM OF 1929. TBM POINTS ARE CONTROL POINTS SHOWN ON THIS SHEET

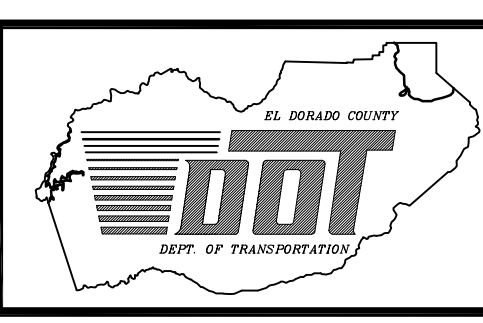


REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
**Lu A. Manzano**  
 PROFESSIONAL LAND SURVEYOR  
 DATE: February 17, 2012

DESIGNED: DWK  
 DRAWN: KIS  
 CHECKED: LM  
 DATE: 02/2012  
 ROAD NUMBER:



**EL DORADO COUNTY**  
 DEPARTMENT OF TRANSPORTATION

**MONTGOMERY ESTATES AREA 1B**  
 SURVEY ALIGNMENT AND CONTROL

SHEET  
**S-1**  
 4 of 28  
 CONTRACT NO.  
**PW 11-30603**  
 CIP No.  
**95193**

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L1)	65+77.28	69+01.22	LINE	323.94	----	N88°01'01"E	----	2100525.53	7141791.74	2100536.74	7142115.49
(C1)	69+01.22	69+88.48	CURVE RIGHT	87.25	191.10	----	26°09'39"	2100536.74	7142115.49	2100520.09	7142200.37
(L2)	69+88.48	70+80.37	LINE	91.89	----	S65°49'20"E	----	2100520.09	7142200.37	2100482.45	7142284.20
(C2)	70+80.37	71+05.75	CURVE LEFT	25.38	150.00	----	9°41'38"	2100482.45	7142284.20	2100474.06	7142308.12
(L3)	71+05.75	71+98.82	LINE	93.07	----	S75°30'58"E	----	2100474.06	7142308.12	2100450.78	7142398.24
(C3)	71+98.82	72+84.04	CURVE RIGHT	85.22	112.78	----	43°17'30"	2100450.78	7142398.24	2100401.73	7142465.44
(L4)	72+84.04	73+95.72	LINE	111.69	----	S32°13'28"E	----	2100401.73	7142465.44	2100307.24	7142525.00
(C4)	73+95.72	74+27.65	CURVE LEFT	31.92	100.00	----	18°17'24"	2100307.24	7142525.00	2100283.39	7142546.00
(L5)	74+27.65	76+50.77	LINE	223.12	----	S50°30'52"E	----	2100283.39	7142546.00	2100141.51	7142718.20
(C5)	76+50.77	77+34.23	CURVE RIGHT	83.46	300.00	----	15°56'25"	2100141.51	7142718.20	2100080.21	7142774.46
(L6)	77+34.23	78+55.06	LINE	120.83	----	S34°34'27"E	----	2100080.21	7142774.46	2099980.72	7142843.02

**COLD CREEK TRAIL ALIGNMENT**  
65+77.28 TO 78+55.06

1  
S-2

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L7)	3+79.62	4+88.35	LINE	108.73	----	N44°07'27"E	----	2100250.53	7142021.23	2100328.59	7142096.93
(C6)	4+88.35	5+04.96	CURVE RIGHT	16.61	200.00	----	4°45'30"	2100328.59	7142096.93	2100340.01	7142108.98
(L8)	5+04.96	5+89.88	LINE	84.93	----	N48°52'57"E	----	2100340.01	7142108.98	2100395.86	7142172.96
(C7)	5+89.88	6+13.46	CURVE RIGHT	23.58	200.00	----	6°45'15"	2100395.86	7142172.96	2100410.29	7142191.59
(L9)	6+13.46	7+33.76	LINE	120.30	----	N55°38'12"E	----	2100410.29	7142191.59	2100478.19	7142290.89

**AMADOR WAY ALIGNMENT**  
3+79.62 TO 7+33.76

2  
S-2

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L10)	1+00.46	6+51.18	LINE	550.72	----	S43°35'42"E	----	2100334.08	7142102.48	2099935.23	7142482.23
(C8)	6+51.18	7+45.42	CURVE RIGHT	94.24	153.95	----	35°04'20"	2099935.23	7142482.23	2099851.89	7142522.98
(L11)	7+45.42	8+72.78	LINE	127.36	----	S8°31'21"E	----	2099851.89	7142522.98	2099725.94	7142541.86
(C9)	8+72.78	8+98.82	CURVE LEFT	26.04	500.00	----	2°59'03"	2099725.94	7142541.86	2099700.30	7142546.39
(L12)	8+98.82	10+50	LINE	151.18	----	S11°30'25"E	----	2099700.30	7142546.39	2099552.16	7142576.54

**DEL NORTE STREET ALIGNMENT**  
1+00.46 TO 10+50

3  
S-2

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L13)	16+67.46	18+11.82	LINE	144.36	----	S69°51'59"E	----	2099590.72	7142324.57	2099541.03	7142460.10
(C10)	18+11.82	18+61.16	CURVE RIGHT	49.34	100.00	----	28°16'08"	2099541.03	7142460.10	2099535.93	7142508.68
(L14)	18+61.16	19+31.96	LINE	70.80	----	N81°51'53"E	----	2099535.93	7142508.68	2099545.95	7142578.77

**COPPER WAY ALIGNMENT**  
16+67.46 TO 19+31.96

4  
S-2

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L15)	1+00	1+45.36	LINE	45.36	----	S3°09'48"E	----	2100289.49	7142644.55	2100244.20	7142647.05
(L16)	1+45.36	1+70.15	LINE	24.79	----	S49°39'06"E	----	2100244.20	7142647.05	2100228.26	7142666.04
(L17)	1+70.15	2+27.77	LINE	57.62	----	S51°24'50"E	----	2100228.26	7142666.04	2100192.33	7142711.08
(L18)	2+27.77	2+53.31	LINE	25.55	----	S70°28'45"E	----	2100192.33	7142711.08	2100183.79	7142735.16

**ALICE LAKE/COLD CREEK CROSSING ALIGNMENT**  
1+00 TO 2+53.31

5  
S-2

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L19)	5+25	6+00	LINE	75.00	----	S19°34'12"W	----	2100288.93	7142691.16	2100228.26	7142666.04

**ALICE LAKE BASIN ALIGNMENT**  
5+25 TO 6+00

6  
S-2

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(C11)	14+71.41	17+36.46	CURVE RIGHT	265.05	150.00	----	101°14'28"	2100470.40	7142985.90	2100583.51	7143188.33

**ALICE LAKE ROAD ALIGNMENT**  
14+71.41 TO 17+36.15

7  
S-2

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L20)	10+00	10+20.80	LINE	20.80	----	N25°44'41"W	----	2099922.01	7143599.48	2099940.75	7143590.45
(L21)	10+20.80	11+12.27	LINE	91.47	----	N64°14'43"E	----	2099940.75	7143590.45	2099980.49	7143672.83
(C12)	11+12.27	11+97.64	CURVE RIGHT	85.37	201.08	----	24°19'35"	2099980.49	7143672.83	2100000.40	7143755.19
(L22)	11+97.64	12+26.02	LINE	28.38	----	N88°34'18"E	----	2100000.40	7143755.19	2100001.11	7143783.56

**TALBOT PLACE ALIGNMENT**  
10+00 TO 12+26.02

8  
S-2

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L23)	20+00	20+44.54	LINE	44.54	----	N86°53'01"E	----	2099857.68	7143298.81	2099860.10	7143343.28
(C13)	20+44.54	20+56.02	CURVE LEFT	11.48	12.83	----	51°15'10"	2099860.10	7143343.28	2099865.44	7143353.01
(L24)	20+56.02	20+94.72	LINE	38.71	----	N35°57'51"E	----	2099865.44	7143353.01	2099896.90	7143375.56
(C14)	20+94.72	21+09.84	CURVE RIGHT	15.12	35.71	----	24°15'34"	2099896.90	7143375.56	2099906.99	7143386.67
(L25)	21+09.84	21+39.13	LINE	29.29	----	N59°53'25"E	----	2099906.99	7143386.67	2099921.68	7143412.00
(C15)	21+39.13	21+65.78	CURVE RIGHT	26.65	43.20	----	35°20'42"	2099921.68	7143412.00	2099927.33	7143437.62
(L26)	21+65.78	22+66.35	LINE	100.57	----	S84°45'53"E	----	2099927.33	7143437.62	2099918.15	7143537.77
(L27)	22+66.35	23+00	LINE	33.66	----	N63°40'43"E	----	2099918.15	7143537.77	2099933.08	7143567.93

**TALBOT/BERNICE CHANNEL ALIGNMENT**  
20+00 TO 23+00

9  
S-2

NUMBER	BEG STATION	END STATION	DESCRIPTION	LENGTH	RADIUS	COURSE	DELTA	BEG NORTHING	BEG EASTING	END NORTHING	END EASTING
(L28)	40+00	40+11.72	LINE	11.72	----	S24°25'31"E	----	2099928.42	7143412.63	2099917.75	7143417.47
(L29)	40+11.72	40+62.64	LINE	50.92	----	S27°25'27"W	----	2099917.75	7143417.47	2099872.56	7143394.02
(L30)	40+62.64	41+14.01	LINE	51.37	----	S22°37'55"W	----	2099872.56	7143394.02	2099825.14	7143374.25

**TALBOT BYPASS CHANNEL ALIGNMENT**  
40+00 TO 41+14.01

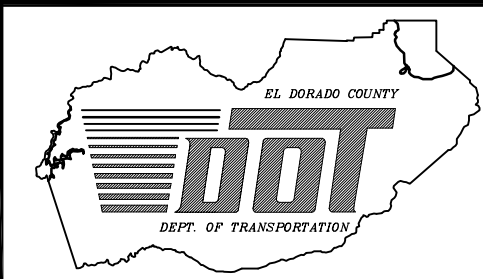
10  
S-2

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
*Lu A. Mansano*  
REGISTERED CIVIL ENGINEER  
February 17, 2012  
DATE:

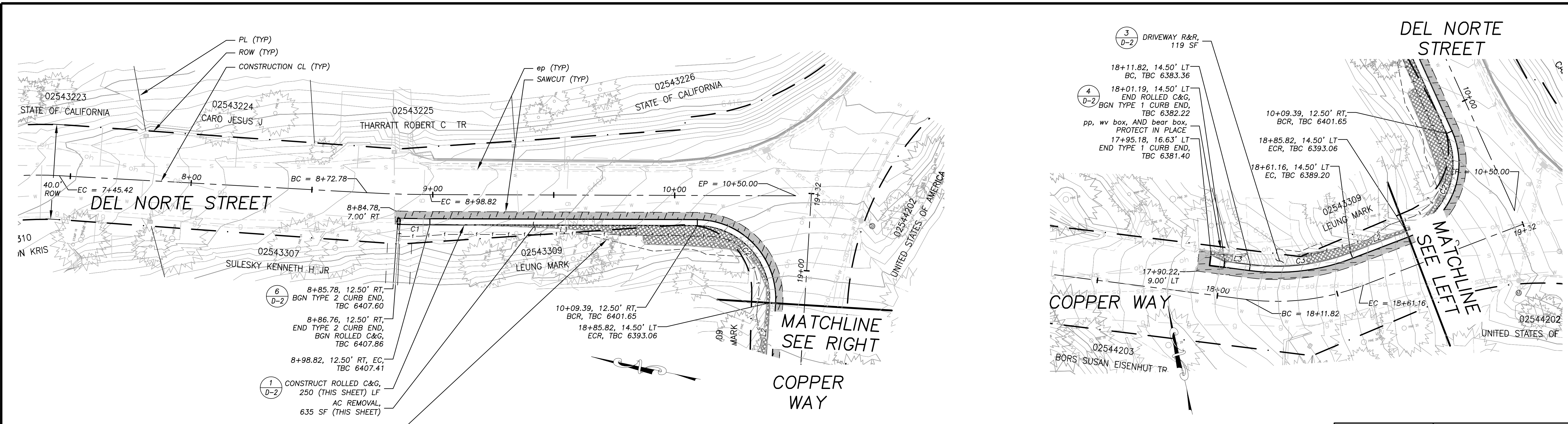
DESIGNED: DWK  
DRAWN: KIS  
CHECKED: LM  
DATE: 02/2012  
ROAD NUMBER:



EL DORADO COUNTY  
DEPARTMENT OF TRANSPORTATION

MONTGOMERY ESTATES AREA 1B  
SURVEY ALIGNMENT LISTING

SHEET  
S-2  
5 of 28  
CONTRACT NO.  
PW 11-30603  
DIP No.  
95193

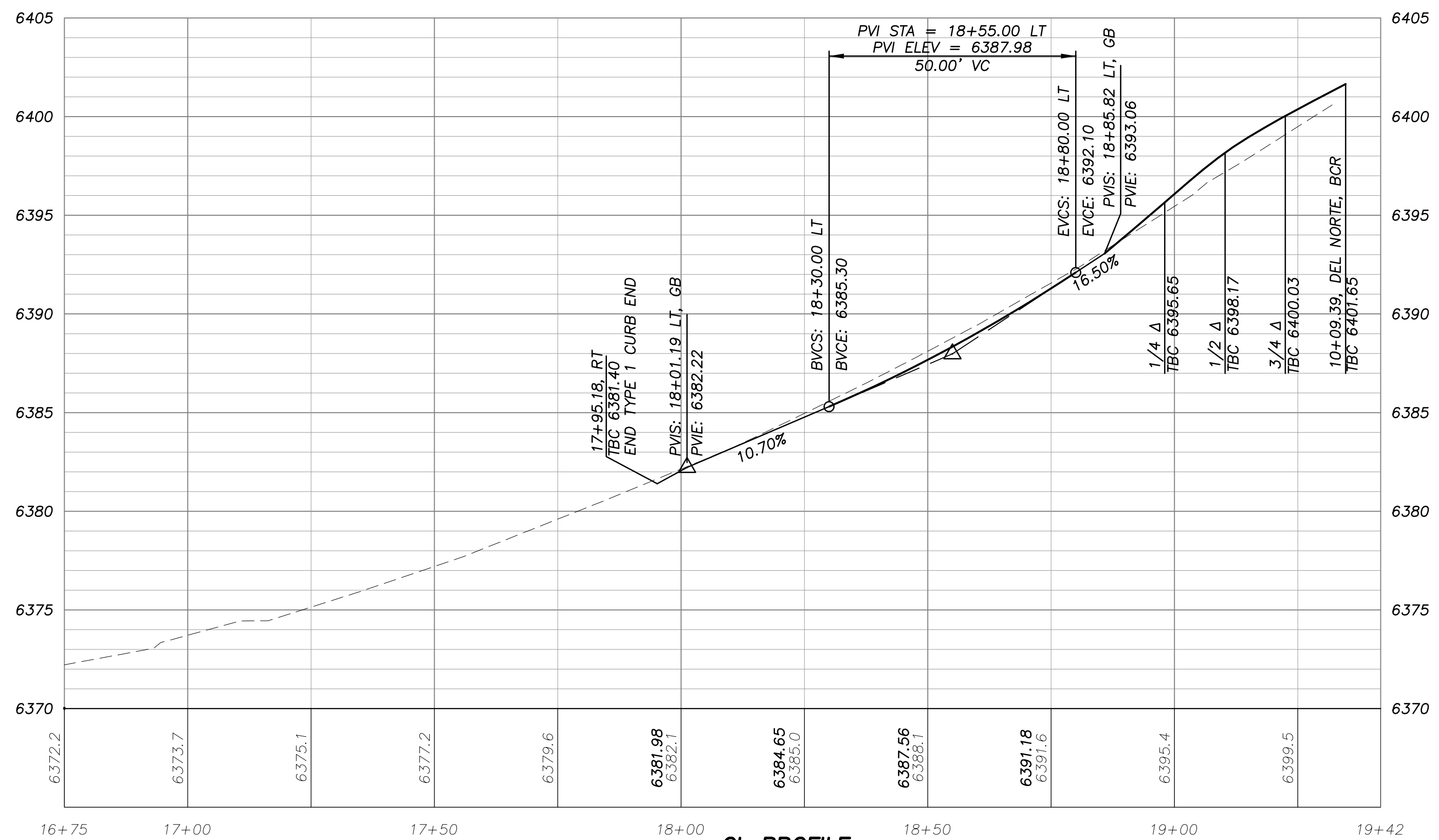
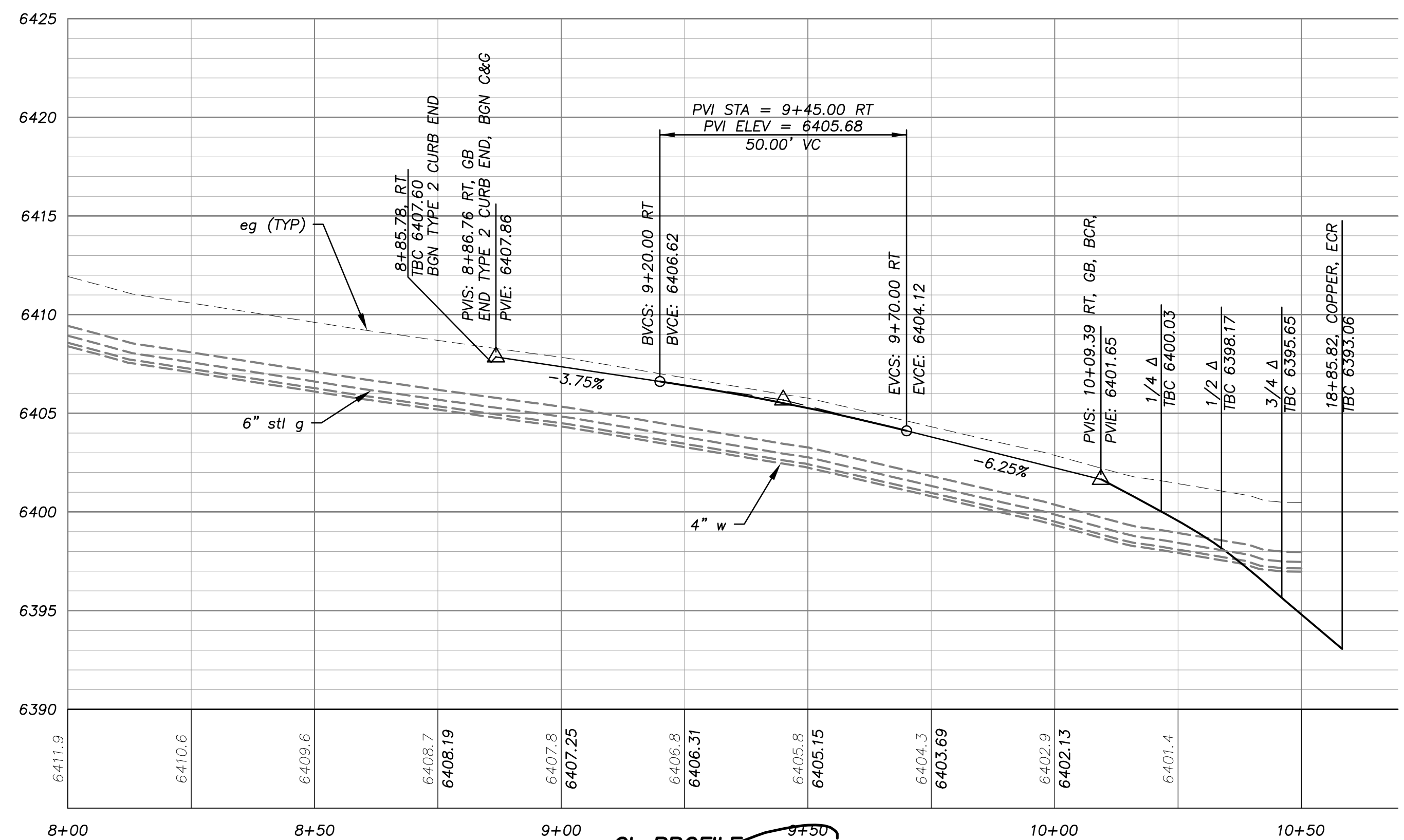


**!! WARNING !!**  
 THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.

PLAN & PROFILE  
 SCALE: HORIZ 1" = 20'  
 VERT 1" = 5'

LINE TABLE			CURVE TABLE			
LINE	LENGTH	BEARING	SEGMENT	LENGTH	RADIUS	DELTA
L1	110.57'	N11°30'25"W	C1	12.37'	512.50'	001°22'57"
L2	24.66'	N81°51'53"E	C2	48.89'	30.00'	093°22'17"
L3	10.62'	S69°51'59"E	C3	42.18'	85.50'	028°16'08"

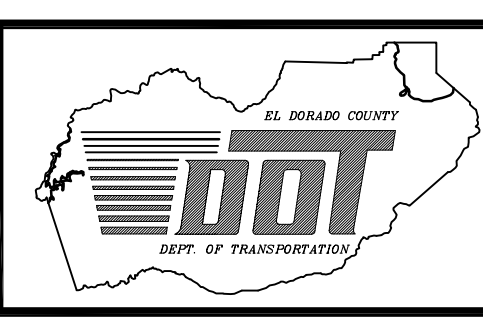
ORIGINAL SCALE IS IN INCHES  
 2  
 1  
 0  
 FOR REDUCED PLANS



REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/16/2012

DESIGNED: DWK  
 DRAWN: DWK/KS  
 CHECKED: DSP  
 DATE: 01/2012  
 ROAD NUMBER: 2326

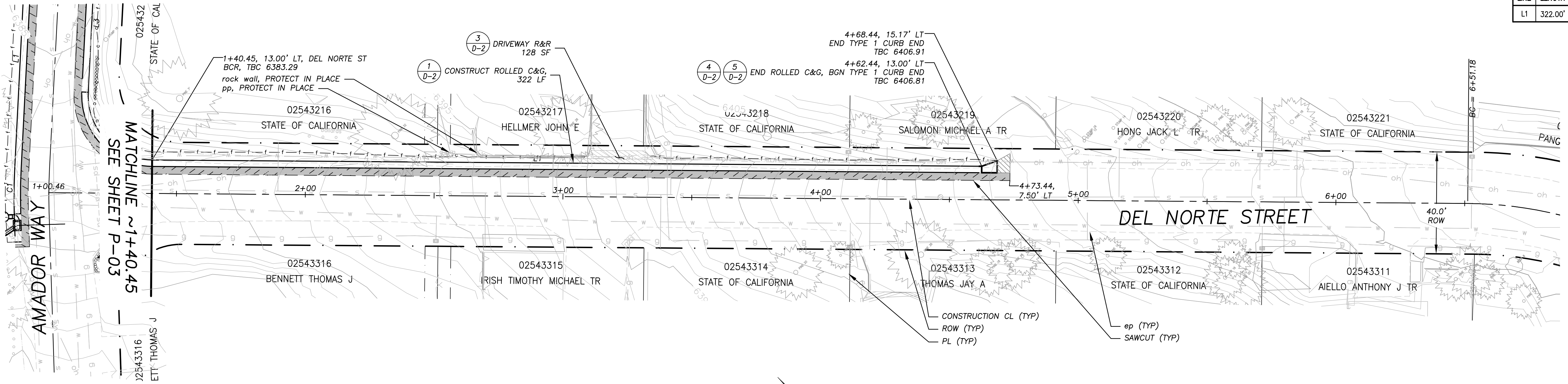


EL DORADO COUNTY  
 DEPARTMENT OF TRANSPORTATION

MONTGOMERY ESTATES AREA 1B  
 DEL NORTE ST PLAN & PROFILE  
 STA 8+00.00 TO 10+52.49

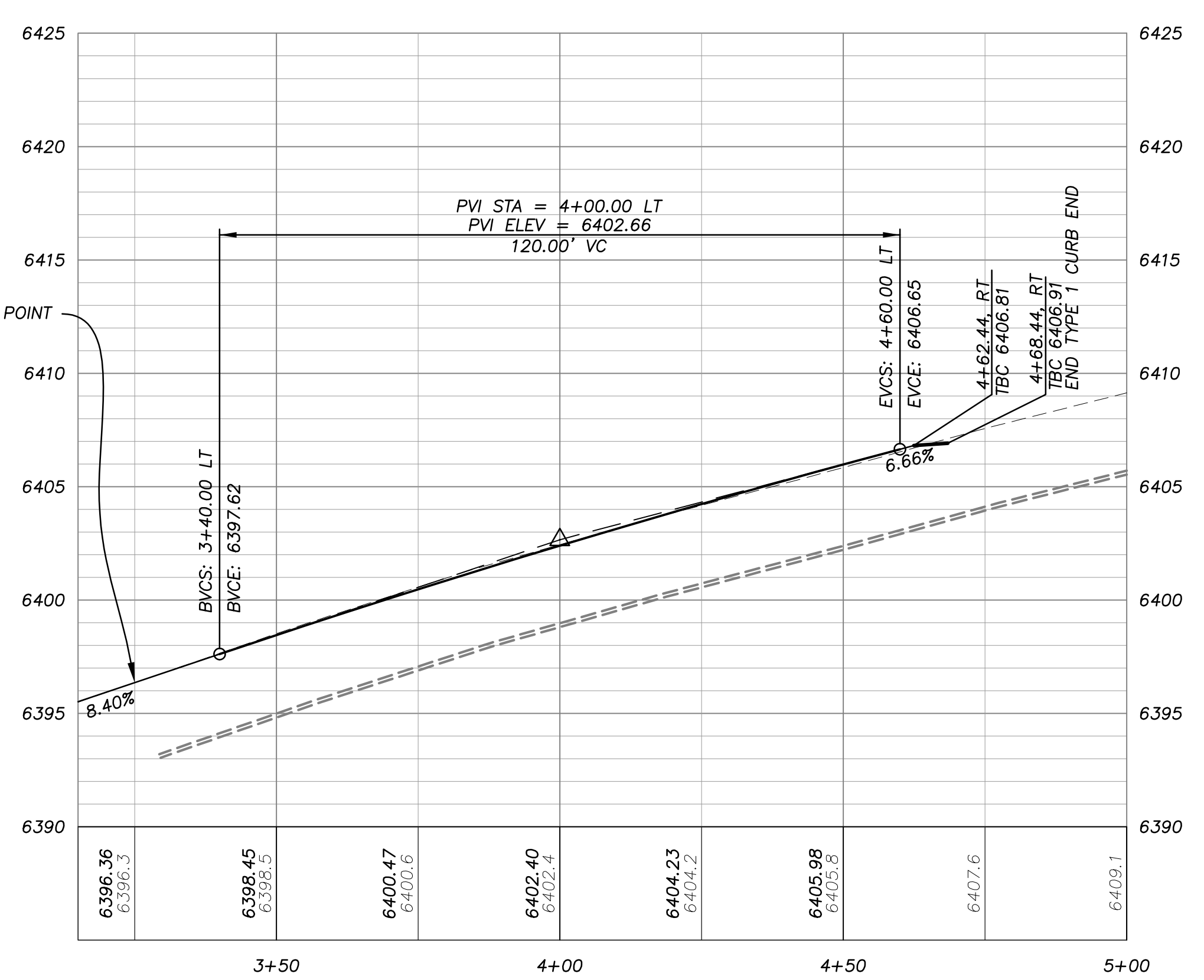
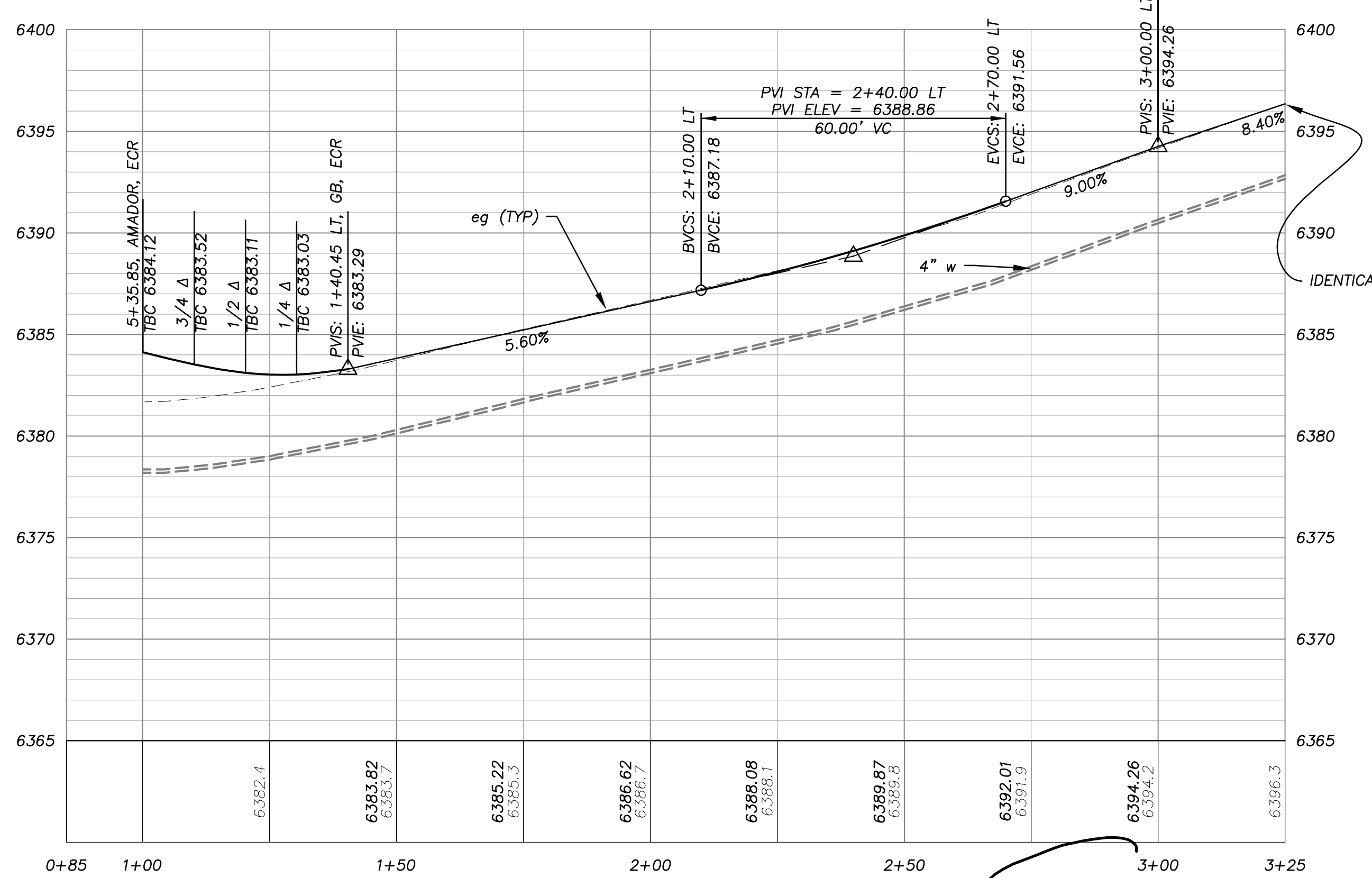
SHEET  
 P-01  
 6 of 28  
 CONTRACT NO.  
 PW 11-30603  
 D/P No.  
 95193

LINE TABLE		
LINE	LENGTH	BEARING
L1	322.00'	N43°35'42"W



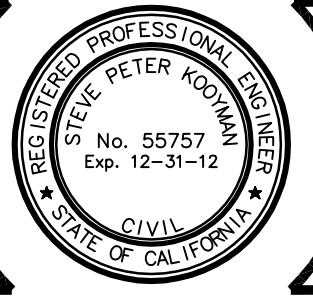
**!! WARNING !!**  
 THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.

**PLAN & PROFILE**  
 SCALE: HORIZ 1" = 20'  
 VERT 1" = 5'



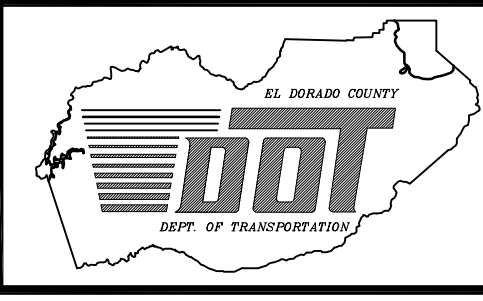
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
*[Signature]*  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/16/2012

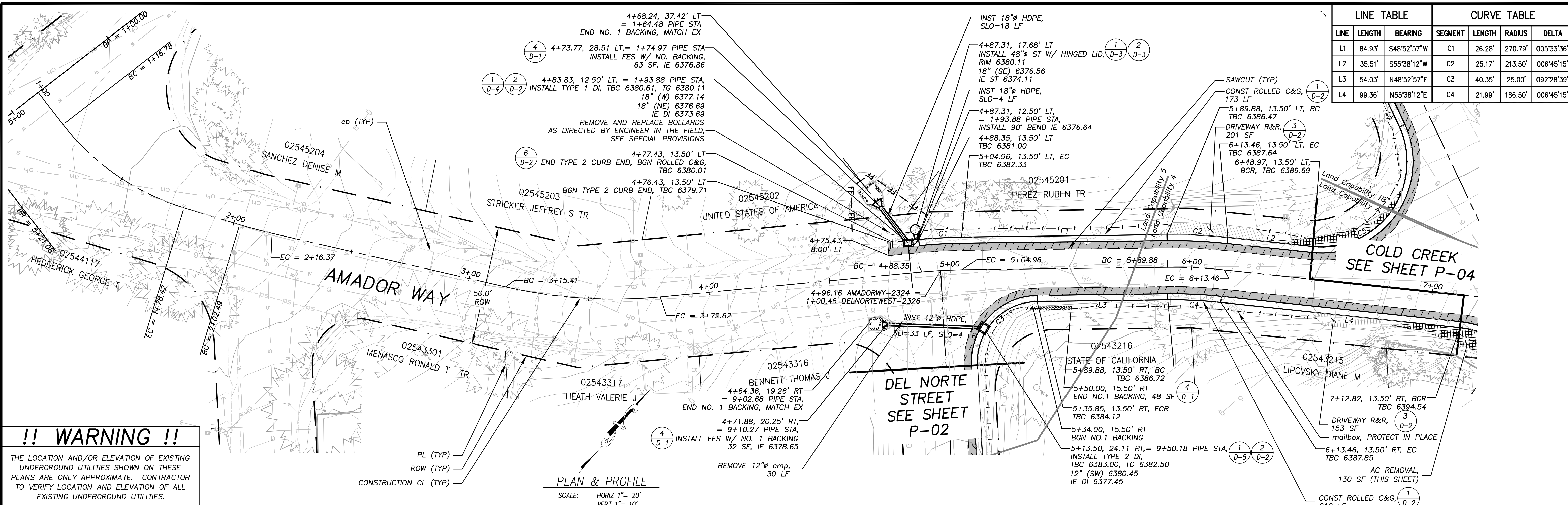
DESIGNED: DWK  
 DRAWN: DWK/KS  
 CHECKED: DSP  
 DATE: 01/2012  
 ROAD NUMBER: 2326



**EL DORADO COUNTY**  
 DEPARTMENT OF TRANSPORTATION

**MONTGOMERY ESTATES AREA 1B**  
 DEL NORTE ST PLAN & PROFILE  
 STA 1+40.45 TO 6+50

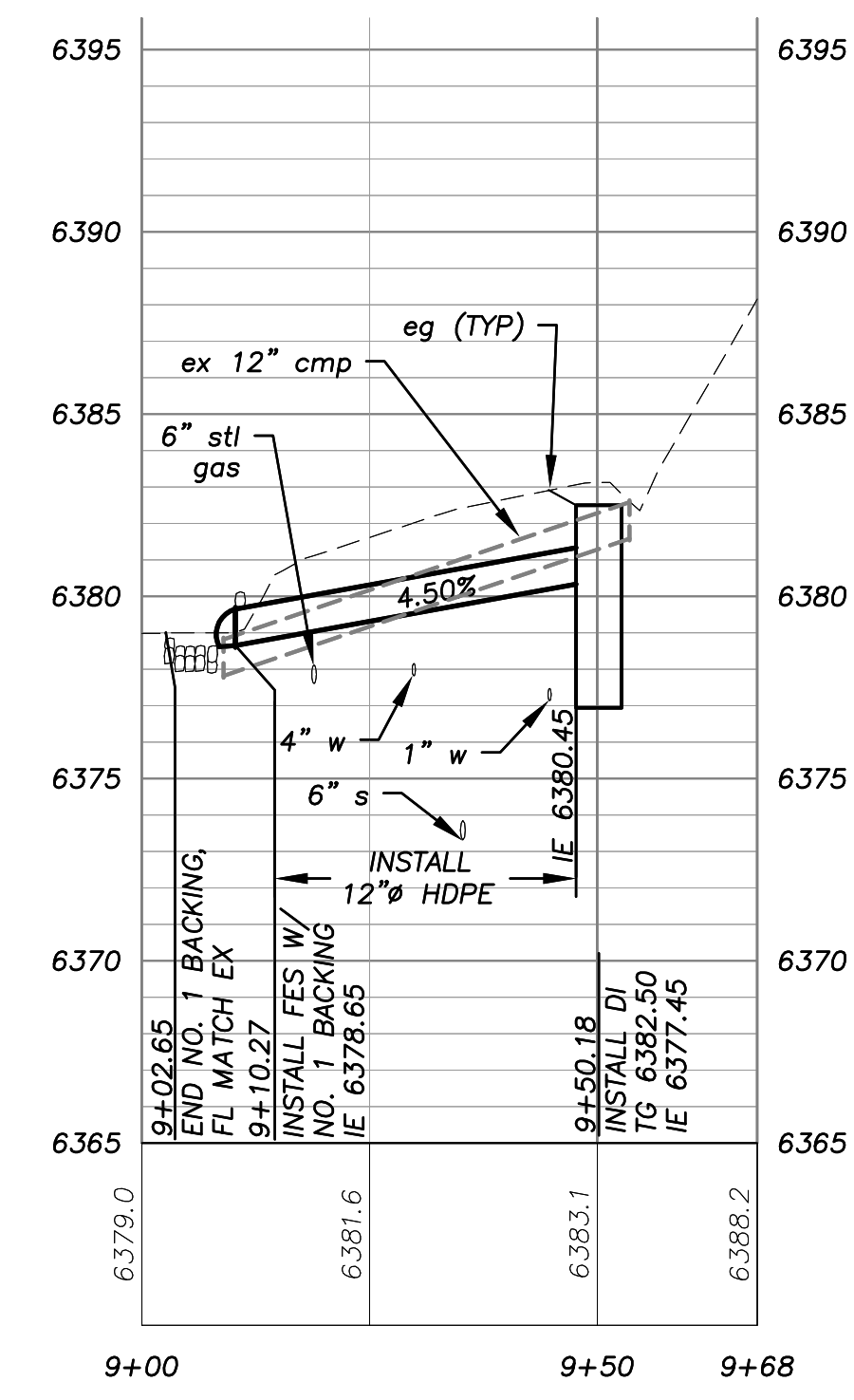
SHEET  
**P-02**  
 7 of 28  
 CONTRACT NO.  
**PW 11-30603**  
 CIP No.  
**95193**



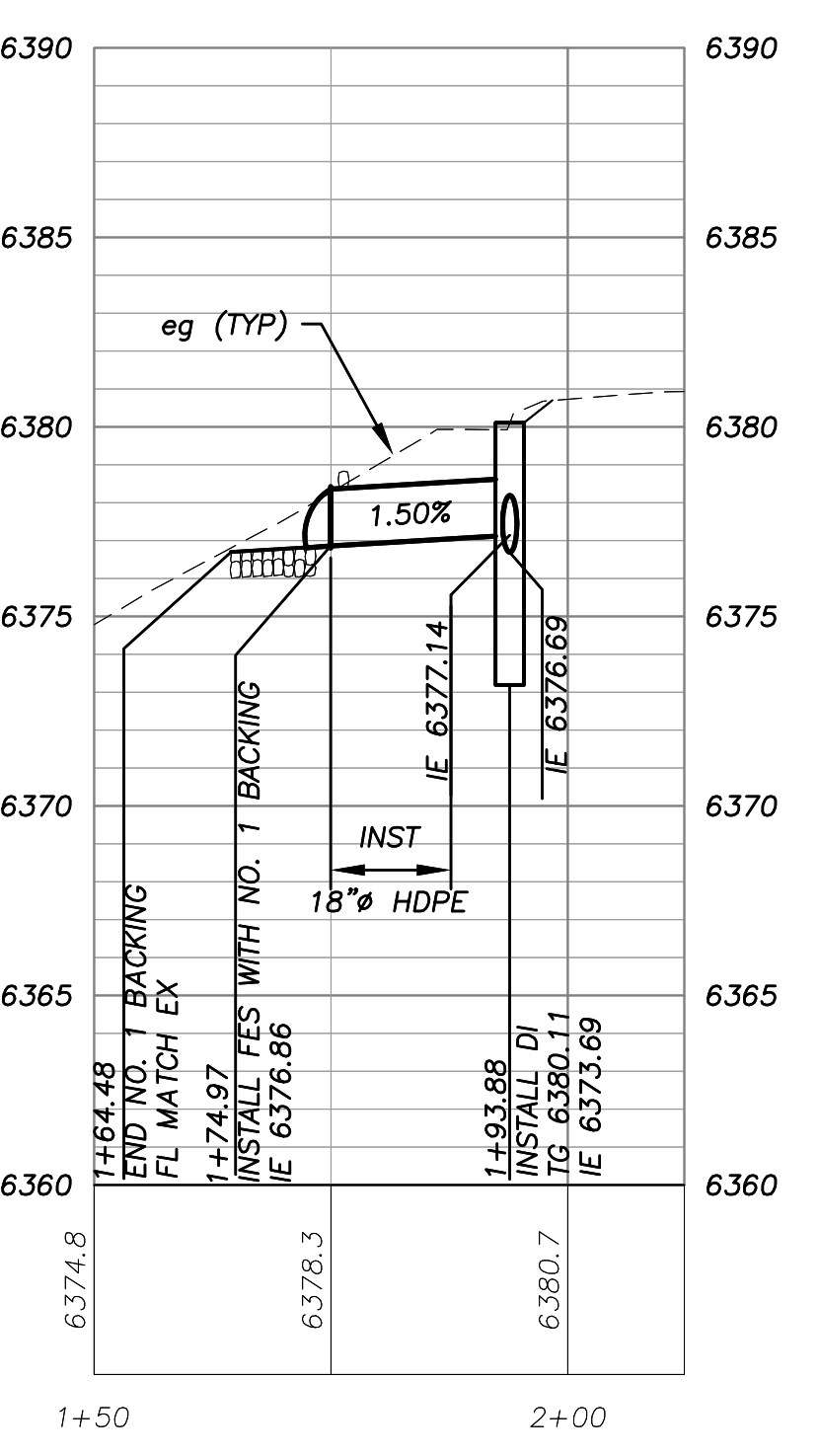
LINE TABLE				CURVE TABLE		
LINE	LENGTH	BEARING	SEGMENT	LENGTH	RADIUS	DELTA
L1	84.93'	S48°52'57"W	C1	26.28'	270.79'	005°33'36"
L2	35.51'	S55°38'12"W	C2	25.17'	213.50'	006°45'15"
L3	54.03'	N48°52'57"E	C3	40.35'	25.00'	092°28'39"
L4	99.36'	N55°38'12"E	C4	21.99'	186.50'	006°45'15"

**!! WARNING !!**  
 THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.

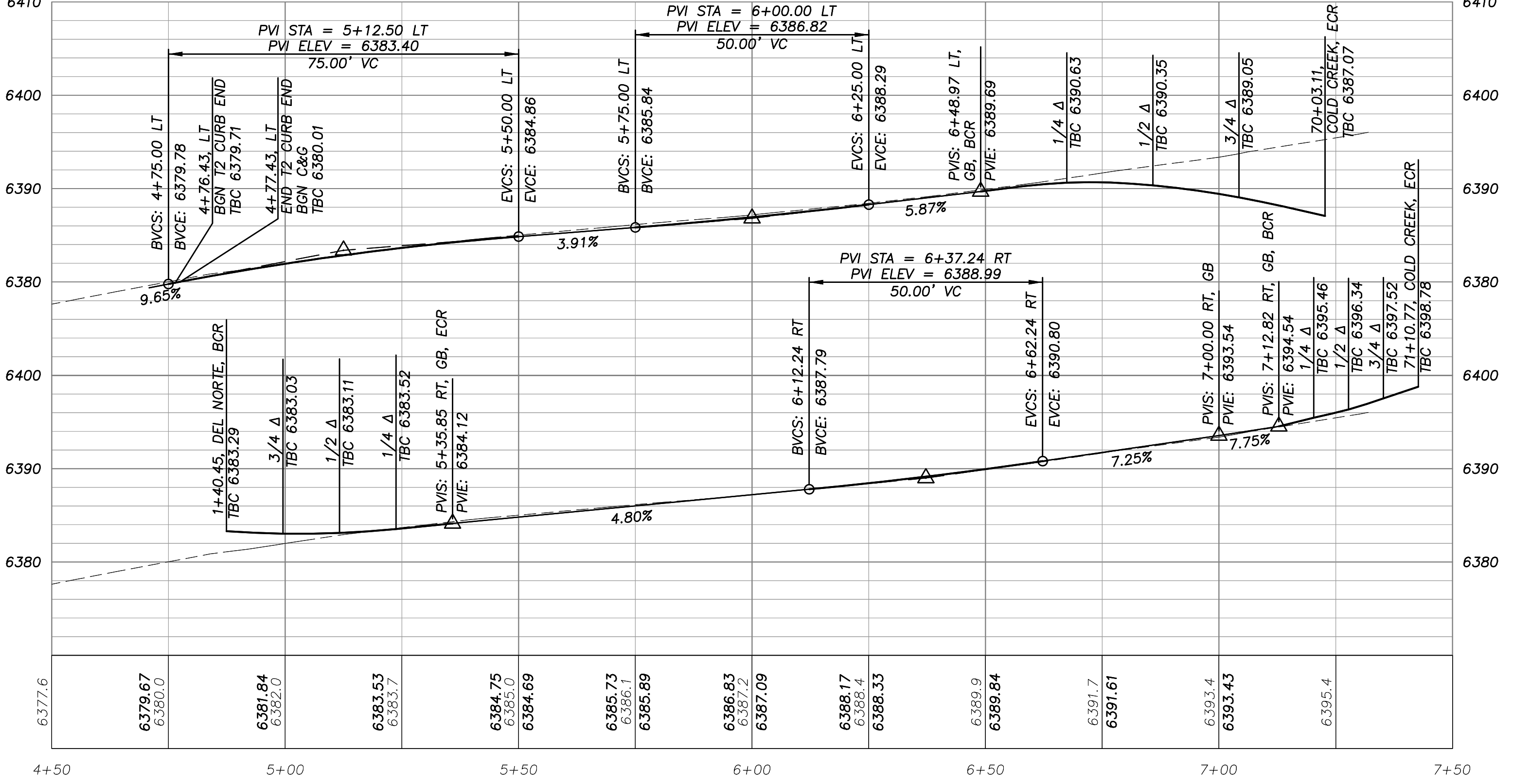
PLAN & PROFILE  
 SCALE: HORIZ 1" = 20'  
 VERT 1" = 10'



SD CL PROFILE  
 © DEL NORTE ST CROSSING



SD CL PROFILE  
 © DEL NORTE ST 4+73



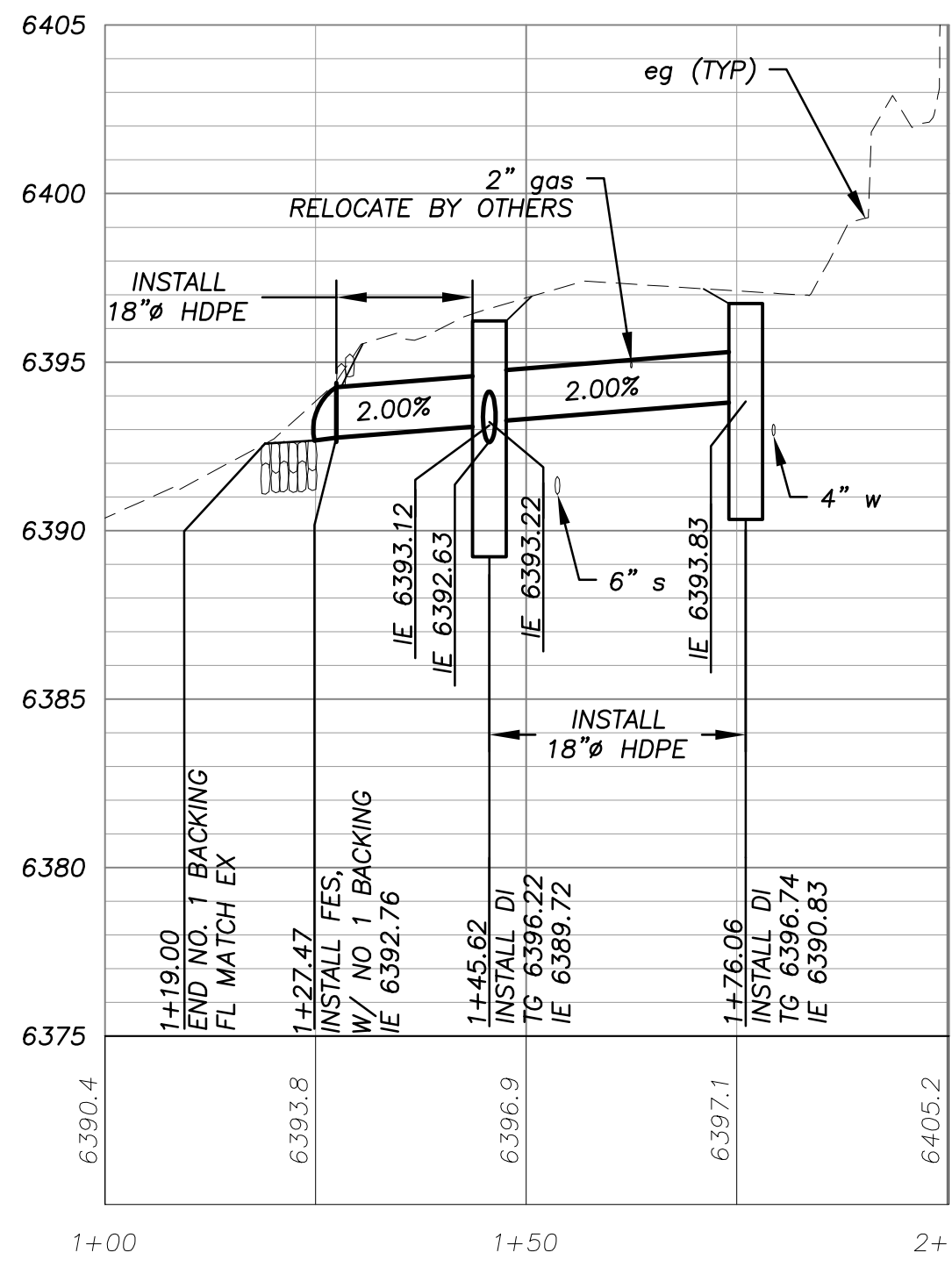
2 ORIGINAL SCALE IS IN INCHES  
 0 FOR REDUCED PLANS  
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 REGISTERED PROFESSIONAL ENGINEER  
 STATE OF CALIFORNIA  
 CIVIL  
 No. 55757  
 Exp. 12-31-12  
 PREPARED UNDER THE SUPERVISION OF:  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/16/2012  
 DESIGNED: DWK  
 DRAWN: DWK/KS  
 CHECKED: DSP  
 DATE: 01/2012  
 ROAD NUMBER: 2324  
 EL DORADO COUNTY  
 DEPT. OF TRANSPORTATION  
 MONTGOMERY ESTATES AREA 1B  
 AMADOR WAY PLAN & PROFILE  
 1+00.00 TO 7+00.00  
 SHEET P-03  
 8 OF 28  
 CONTRACT NO. PW 11-30603  
 CIP No. 06103



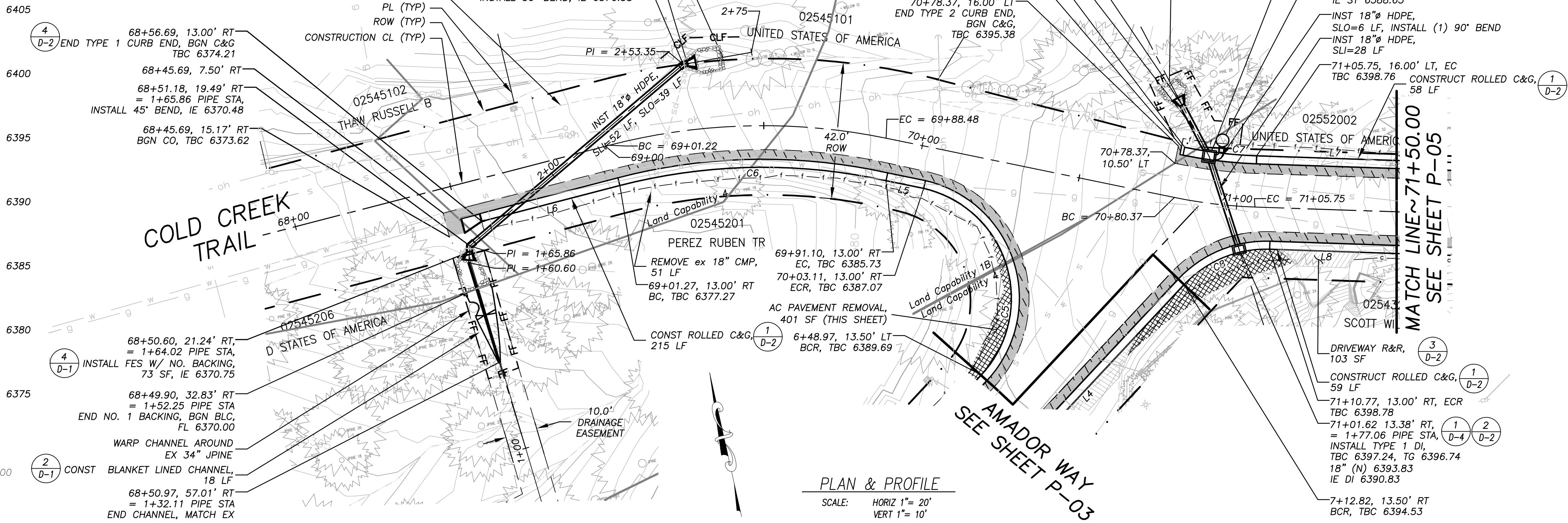
# !! WARNING !!

THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.

LINE TABLE			CURVE TABLE			
LINE	LENGTH	BEARING	SEGMENT	LENGTH	RADIUS	DELTA
L5	12.01'	N65°48'57"W	C5	73.75'	35.17'	120°08'38"
L6	44.58'	S88°01'01"W	C6	83.90'	178.10'	026°59'27"
L7	93.07'	S75°30'58"E	C7	22.67'	134.00'	009°41'38"
L8	88.05'	S75°30'58"E	C8	29.84'	35.00'	048°50'50"

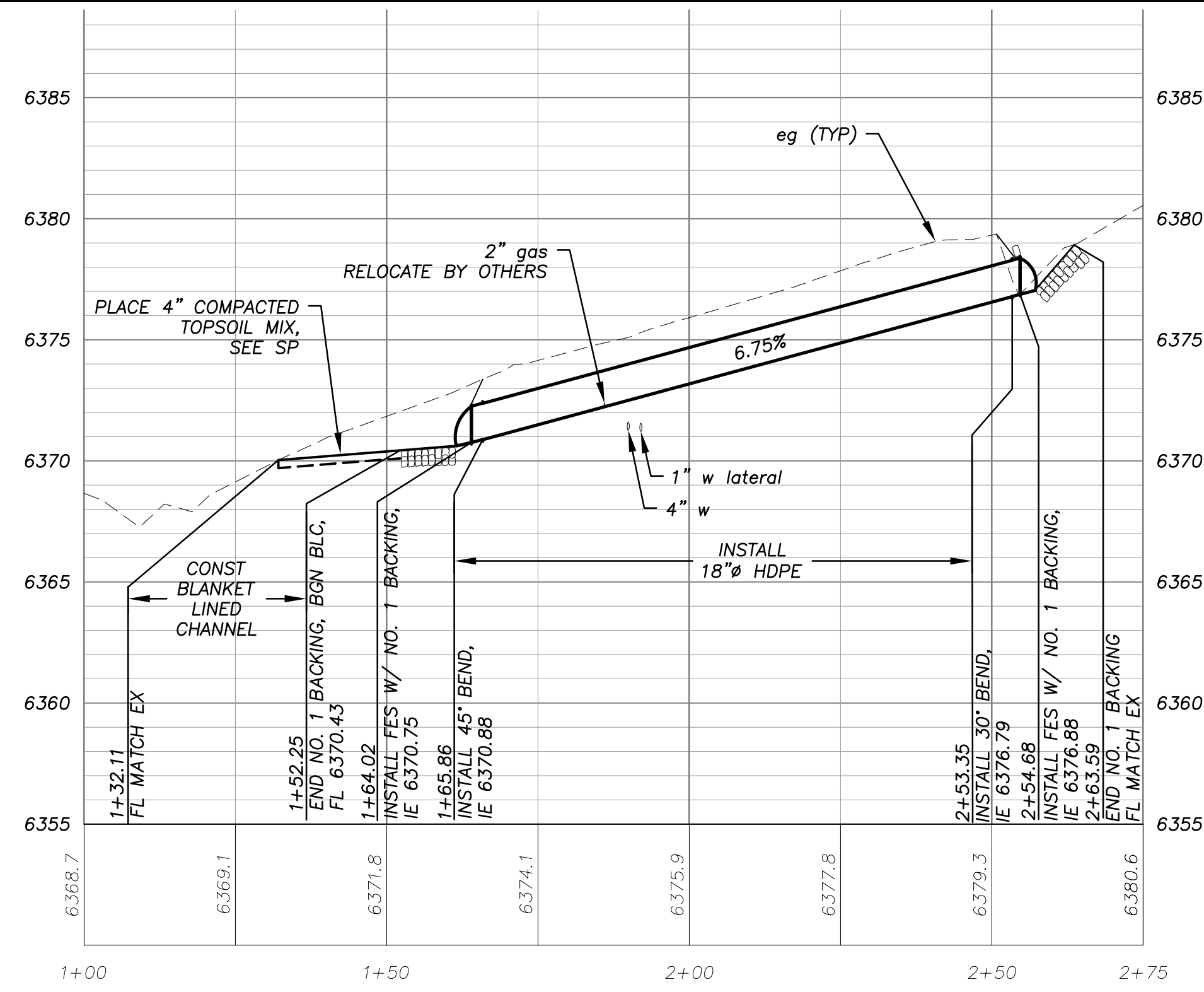


SD CL PROFILE @ COLD CREEK TR 70+99

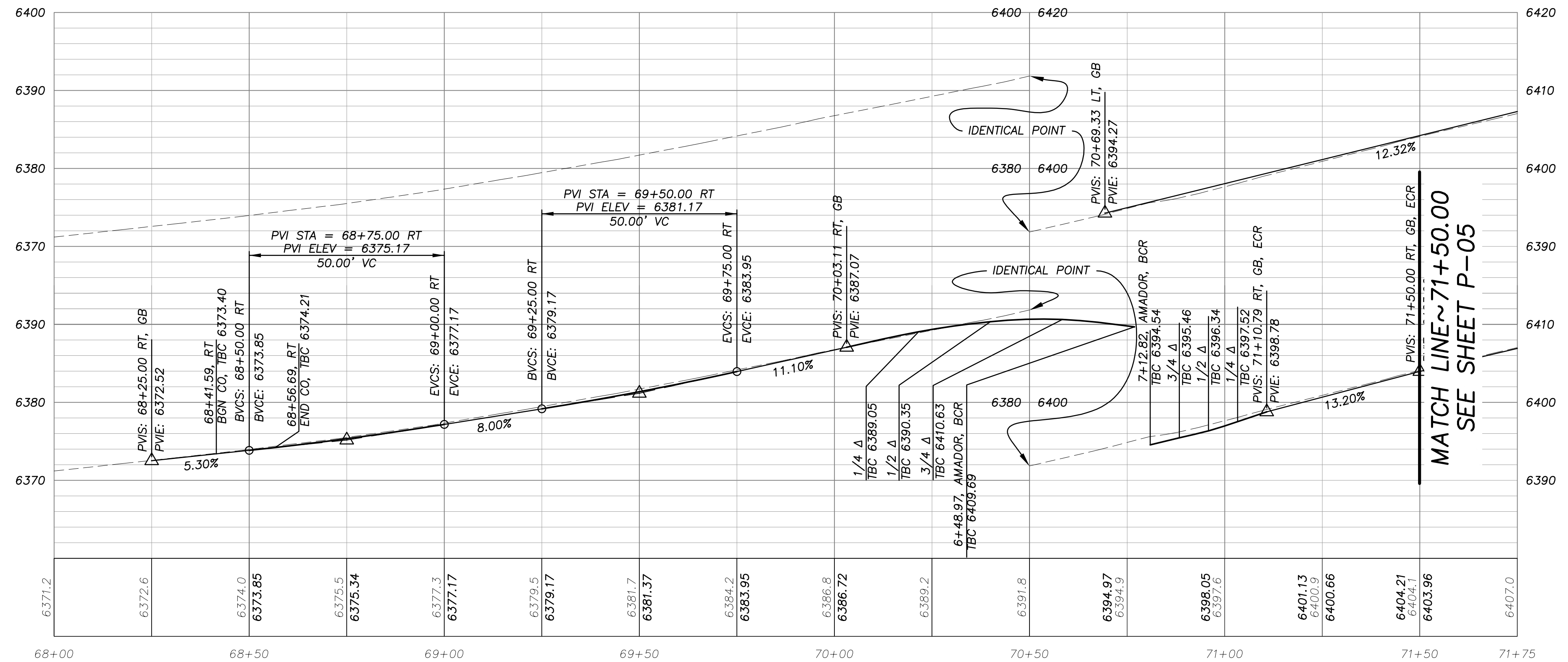


PLAN & PROFILE

SCALE: HORIZ 1" = 20'  
VERT 1" = 10'



SD CL PROFILE @ COLD CREEK TR 69+28



MATCH LINE ~71+50.00  
SEE SHEET P-05

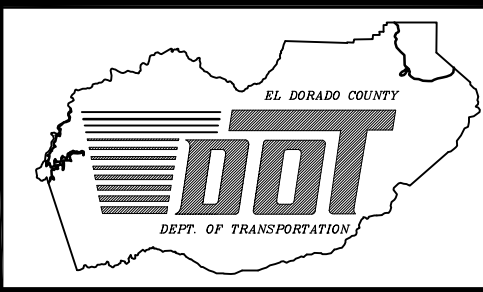
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 2 1 0

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
*Signature*  
REGISTERED CIVIL ENGINEER  
DATE: 3/16/2012

DESIGNED: DWK  
DRAWN: DWK/KS  
CHECKED: DSP  
DATE: 01/2012  
ROAD NUMBER: 2322

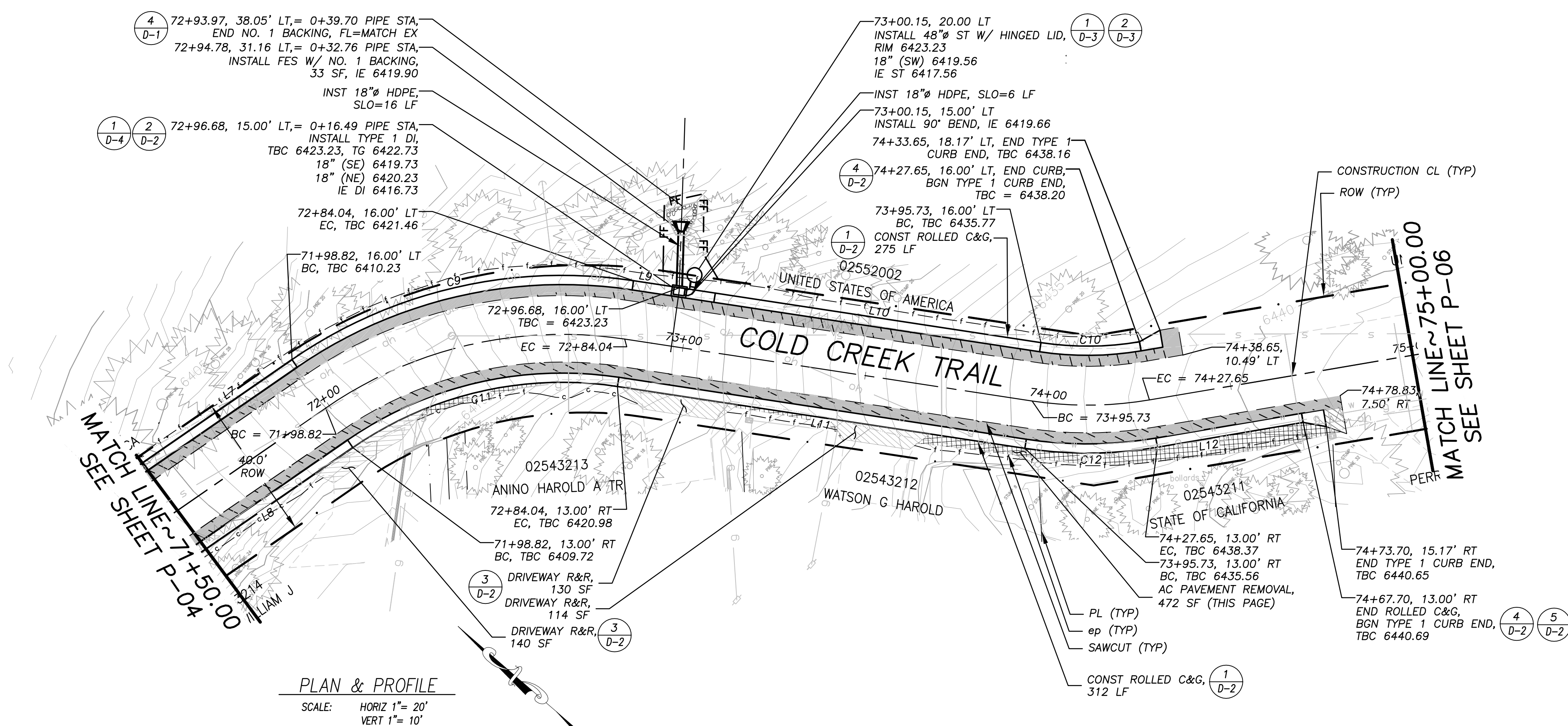


EL DORADO COUNTY  
DEPARTMENT OF TRANSPORTATION

MONTGOMERY ESTATES AREA 1B  
COLD CREEK TRAIL PLAN & PROFILE  
STA 68+00.00 TO 71+50.00

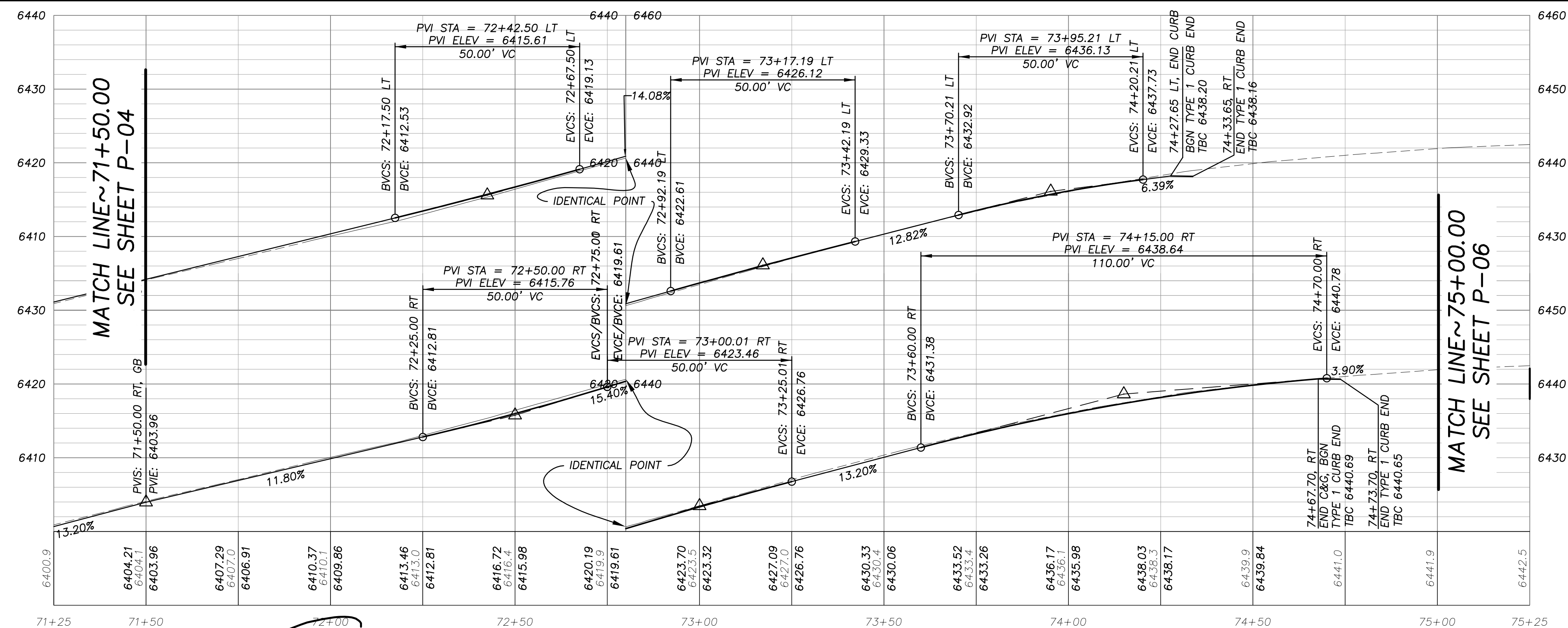
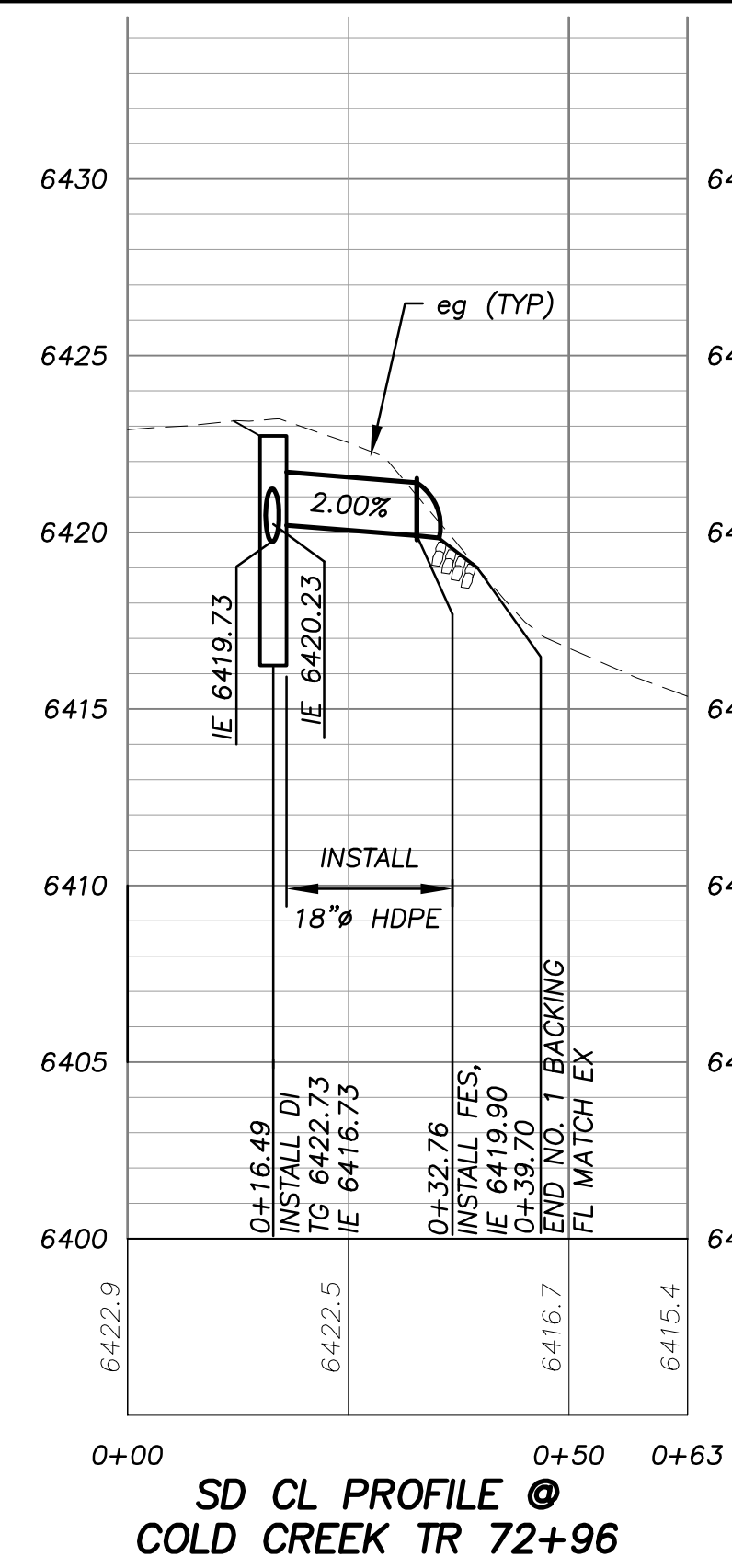
SHEET P-04  
9 OF 28  
CONTRACT NO. PW 11-30603  
CIP No. 05103

LINE TABLE			CURVE TABLE			
LINE	LENGTH	BEARING	SEGMENT	LENGTH	RADIUS	DELTA
L7	93.07'	S75°30'58"E	C9	97.31'	128.78'	043°17'30"
L8	88.05'	S75°30'58"E	C10	26.81'	84.00'	018°17'24"
L9	22.40'	S32°13'28"E	C11	75.39'	99.78'	043°17'30"
L10	89.29'	S32°13'28"E	C12	36.07'	113.00'	018°17'24"
L11	111.69'	S32°13'28"E				
L12	40.06'	S50°30'52"E				



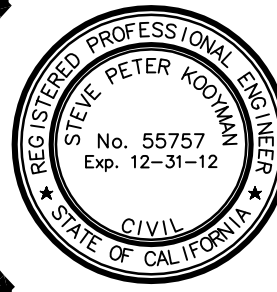
**!! WARNING !!**

THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.



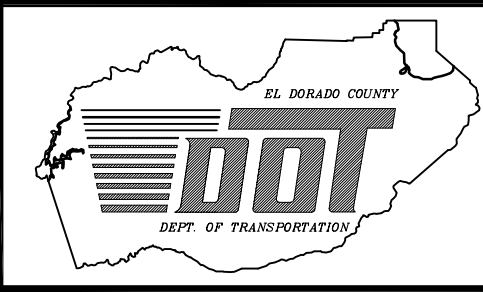
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 2 1 0

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/16/2012

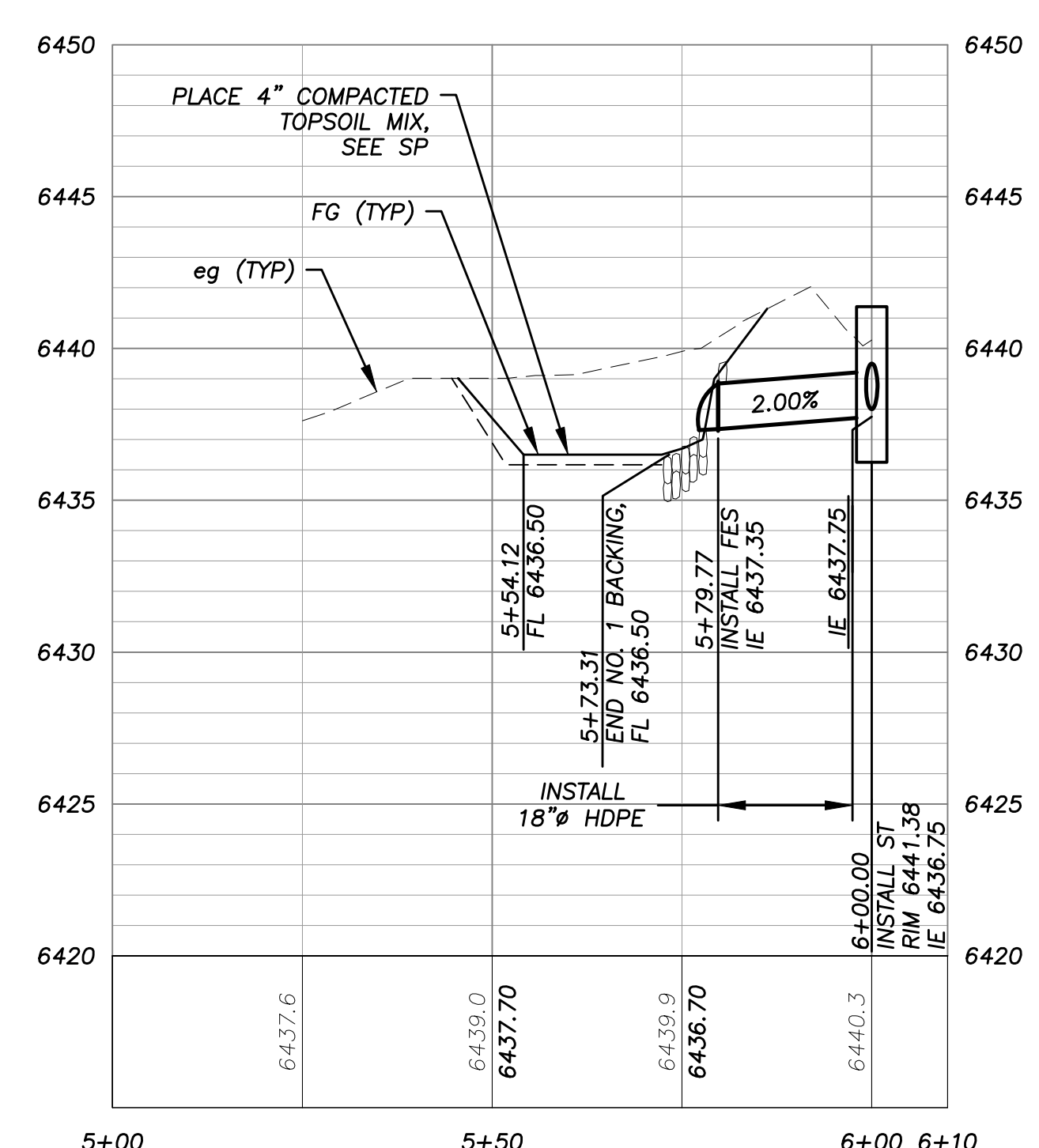
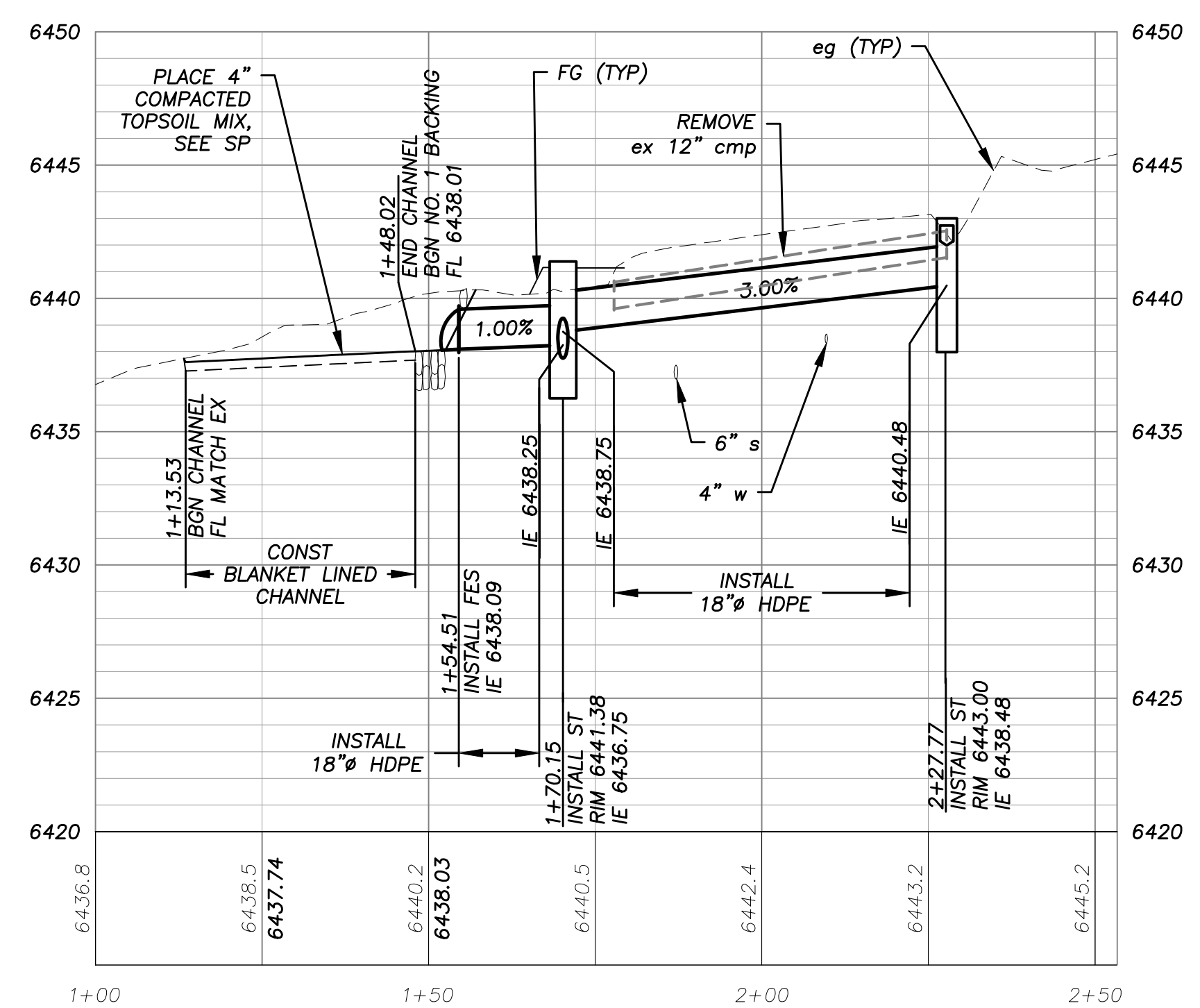
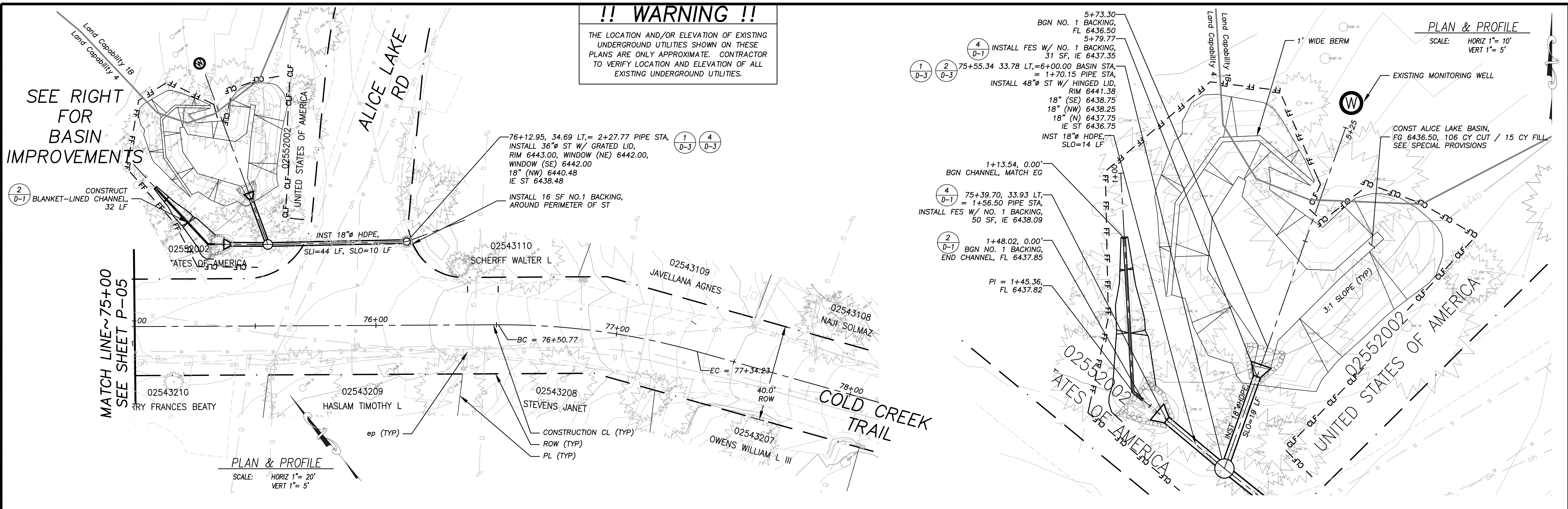
DESIGNED: DWK  
 DRAWN: DWK/KS  
 CHECKED: DSP  
 DATE: 01/2012  
 ROAD NUMBER: 2322



**EL DORADO COUNTY**  
 DEPARTMENT OF TRANSPORTATION

**MONTGOMERY ESTATES AREA 1B**  
 COLD TREEK TRAIL PLAN & PROFILE  
 STA 71+50.00 TO 75+00.00

SHEET P-05  
 10 of 28  
 CONTRACT NO. PW 11-30603  
 DATE: 06/09



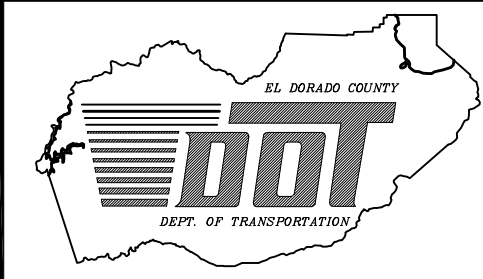
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 2 1 0

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
 [Signature]  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/16/2012

DESIGNED: DWK  
 CHECKED: DSP  
 ROAD NUMBER: 2322

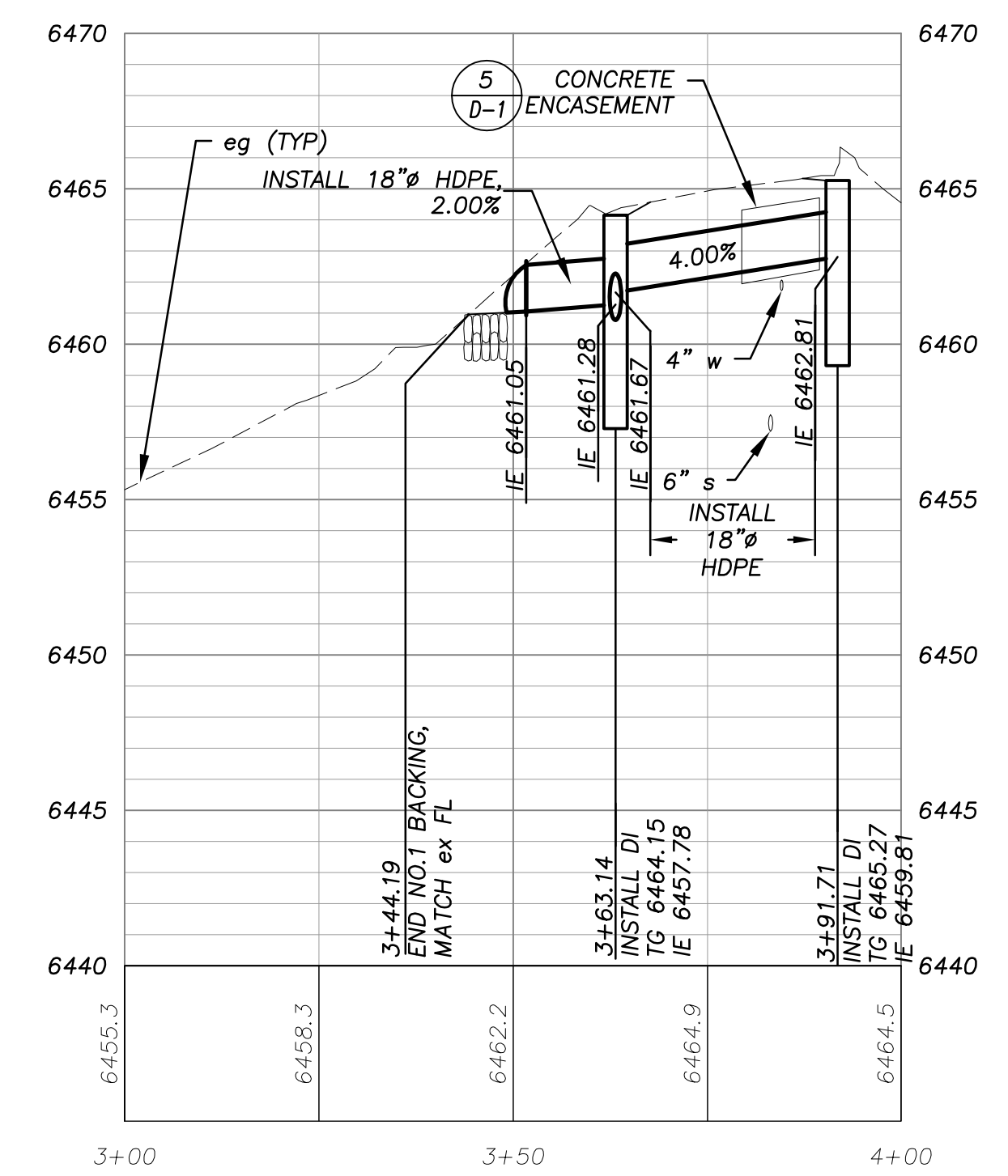
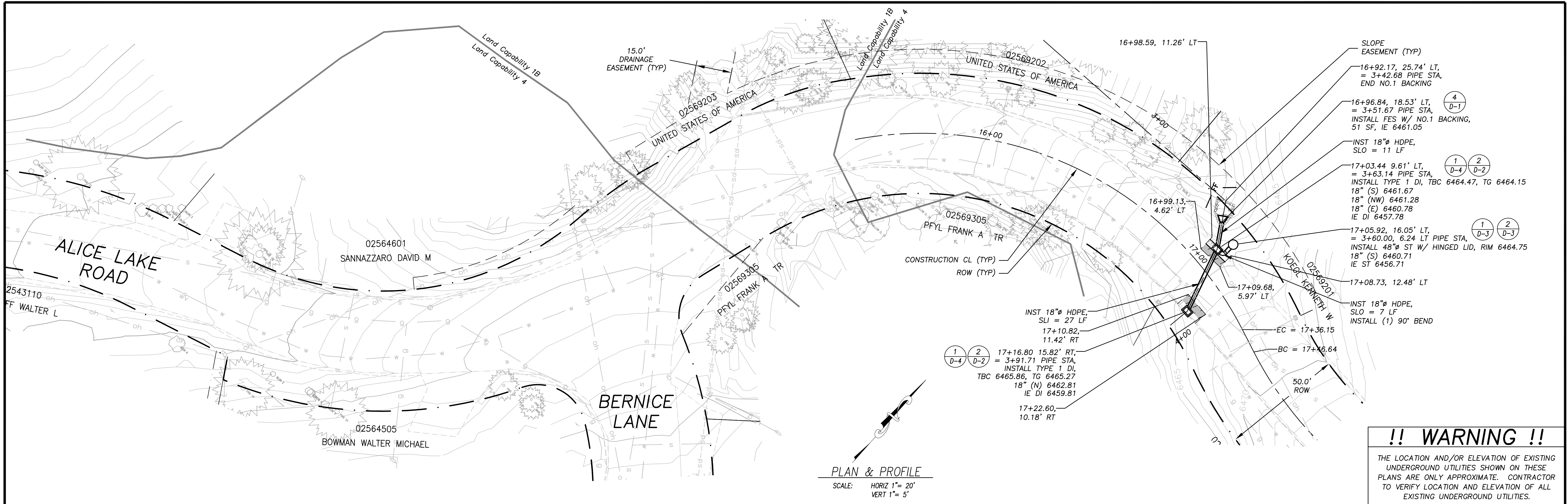


EL DORADO COUNTY  
 DEPARTMENT OF TRANSPORTATION

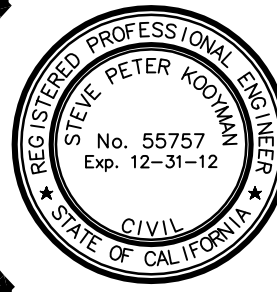
MONTGOMERY ESTATES AREA 1B  
 COLD CREEK TRAIL PLAN & PROFILE  
 STA 75+00.00 TO 80+00.00

SHEET P-06  
 11 OF 28  
 CONTRACT NO. PW 11-30603  
 CIP No. 95193

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 2 1 0

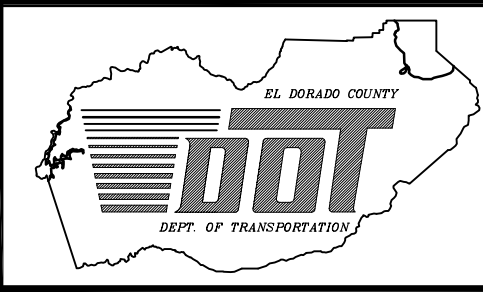


REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
*[Signature]*  
REGISTERED CIVIL ENGINEER  
DATE: 3/16/2012

DESIGNED: DWK  
DRAWN: DWK/KS  
CHECKED: DSP  
DATE: 01/2012  
ROAD NUMBER: 2323



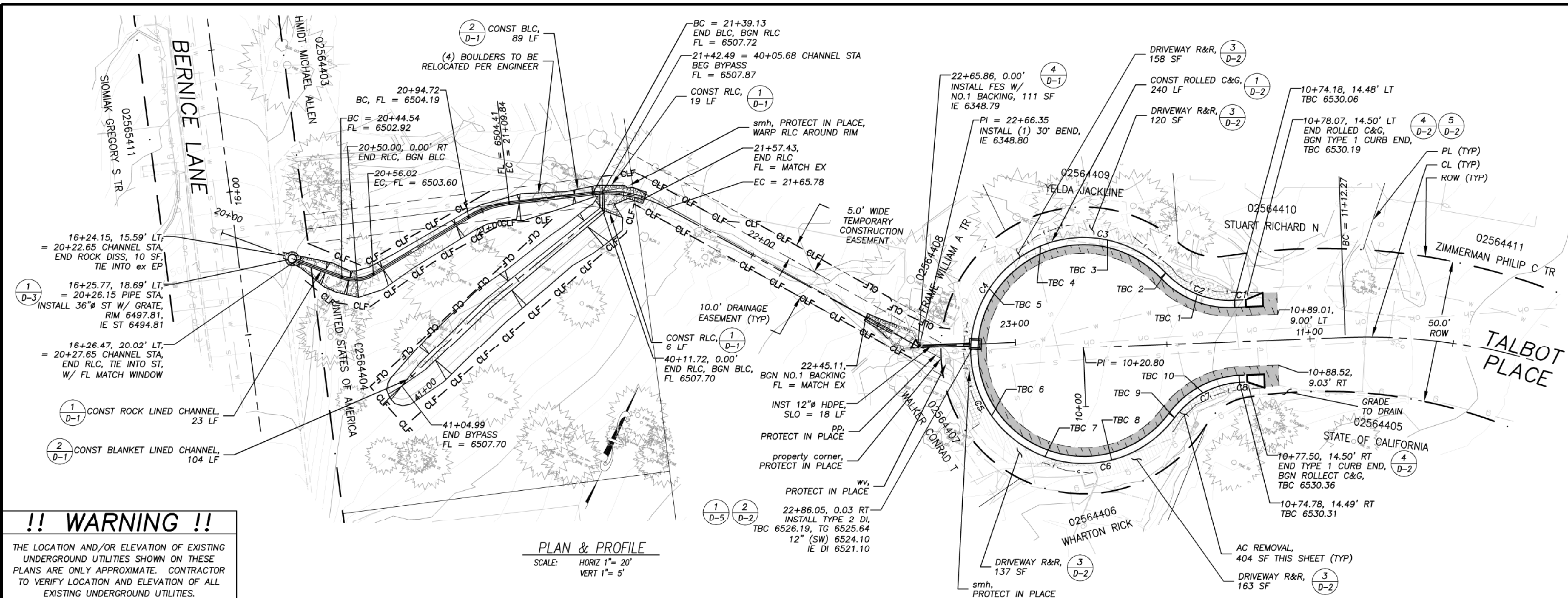
**EL DORADO COUNTY  
DEPARTMENT OF TRANSPORTATION**

**MONTGOMERY ESTATES AREA 1B  
ALICE LAKE RD PLAN & PROFILE  
STA 10+00.00 TO 15+00.00**

SHEET  
**P-07**  
12 of 28  
CONTRACT No.  
**PW 11-30603**  
CIP No.  
**95193**

CURVE TABLE			
SEGMENT	LENGTH	RADIUS	DELTA
C1	2.89'	84.84'	001°57'05"
C2	26.60'	30.49'	050°00'00"
C3	51.33'	39.47'	074°30'00"
C4	41.34'	39.48'	060°00'00"
C5	41.34'	39.48'	060°00'00"
C6	58.92'	39.48'	085°30'00"
C7	26.60'	30.49'	050°00'00"
C8	1.72'	21.79'	004°31'39"

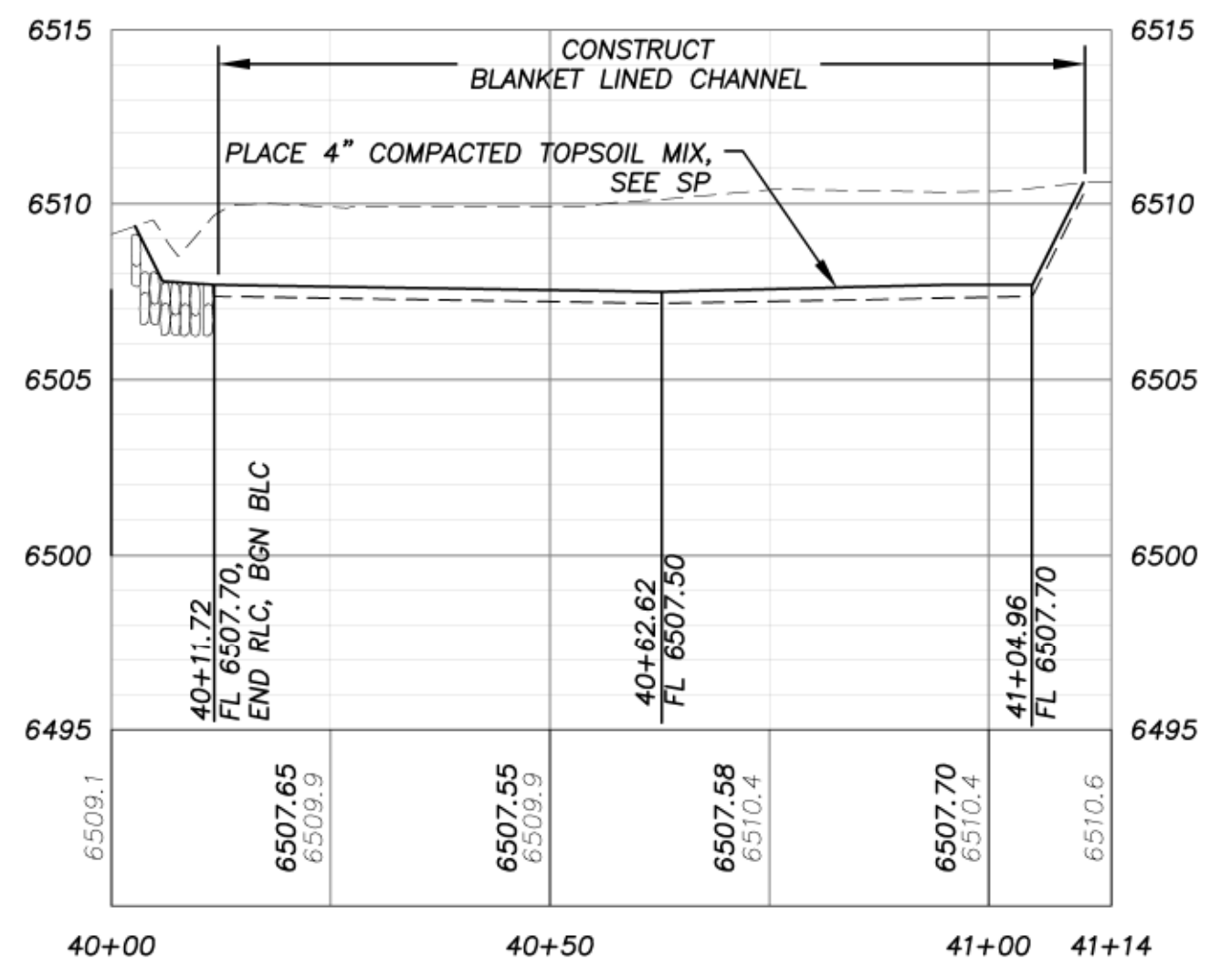
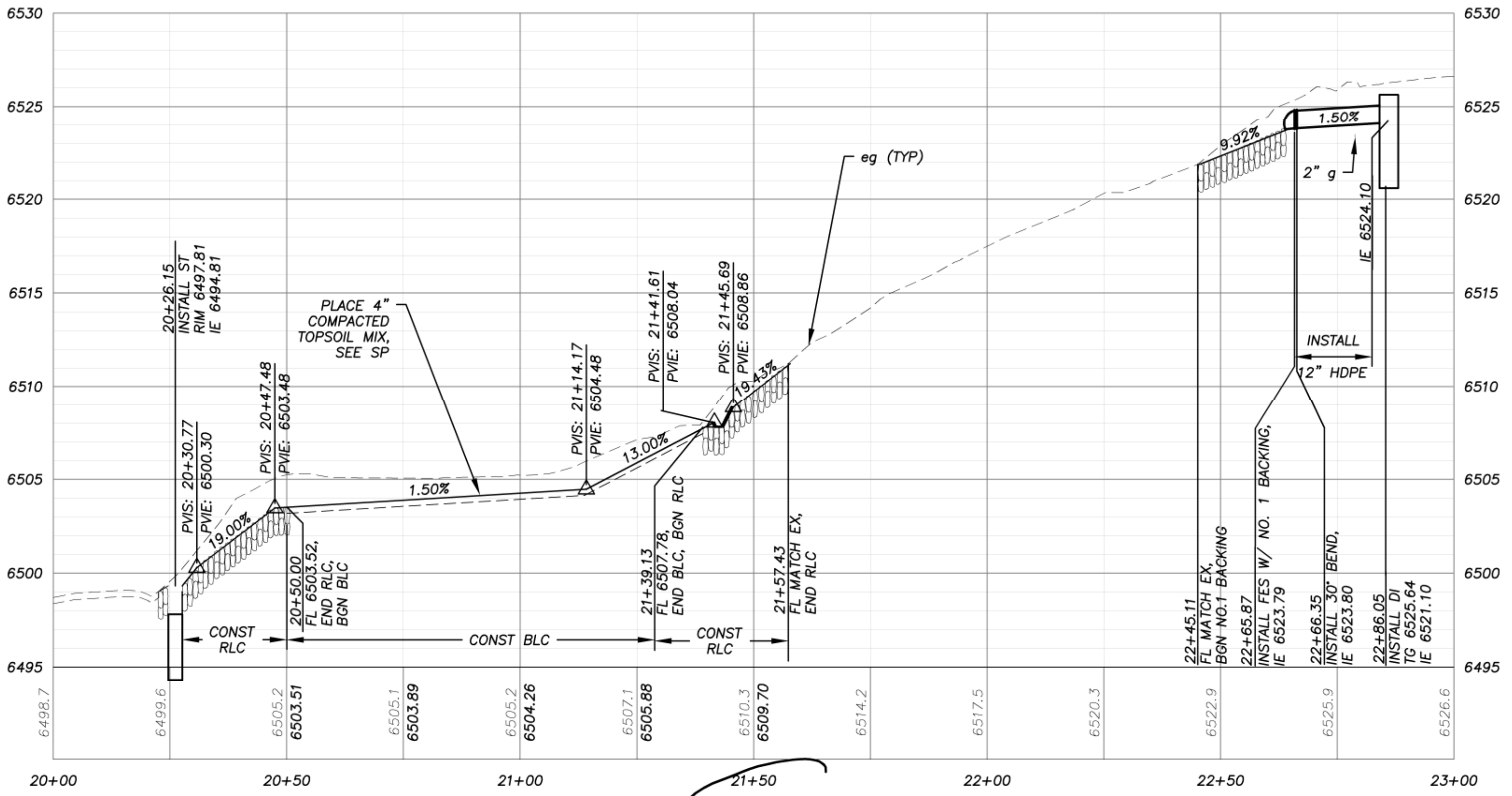
TBC ELEVATION TABLE		
TABLE	DESCRIPTION	ELEVATION
TBC 1	CURVE MID (R)	6529.21
TBC 2	PRC (R)	6528.14
TBC 3	POC @ 34.4'	6527.19
TBC 4	POC @ 68.8'	6526.62
TBC 5	POC @ 103.2'	6526.27
TBC 6	POC @ 172.1'	6526.72
TBC 7	POC @ 206.5'	6527.62
TBC 8	POC @ 240.9'	6528.54
TBC 9	PRC (L)	6529.14
TBC 10	CURVE MID (L)	6529.73



**!! WARNING !!**

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**PLAN & PROFILE**  
SCALE: HORIZ 1" = 20'  
VERT 1" = 5'



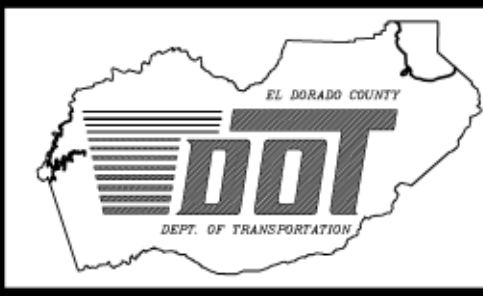
**TALBOT BYPASS CL PROFILE @ TALBOT PLACE 21+52**

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
*Steve Peter Roomer*  
REGISTERED CIVIL ENGINEER  
DATE: 3/16/2012

DESIGNED: DWK  
DRAWN: DWK/KS  
CHECKED: DSP  
DATE: 01/2012  
ROAD NUMBER: 2368



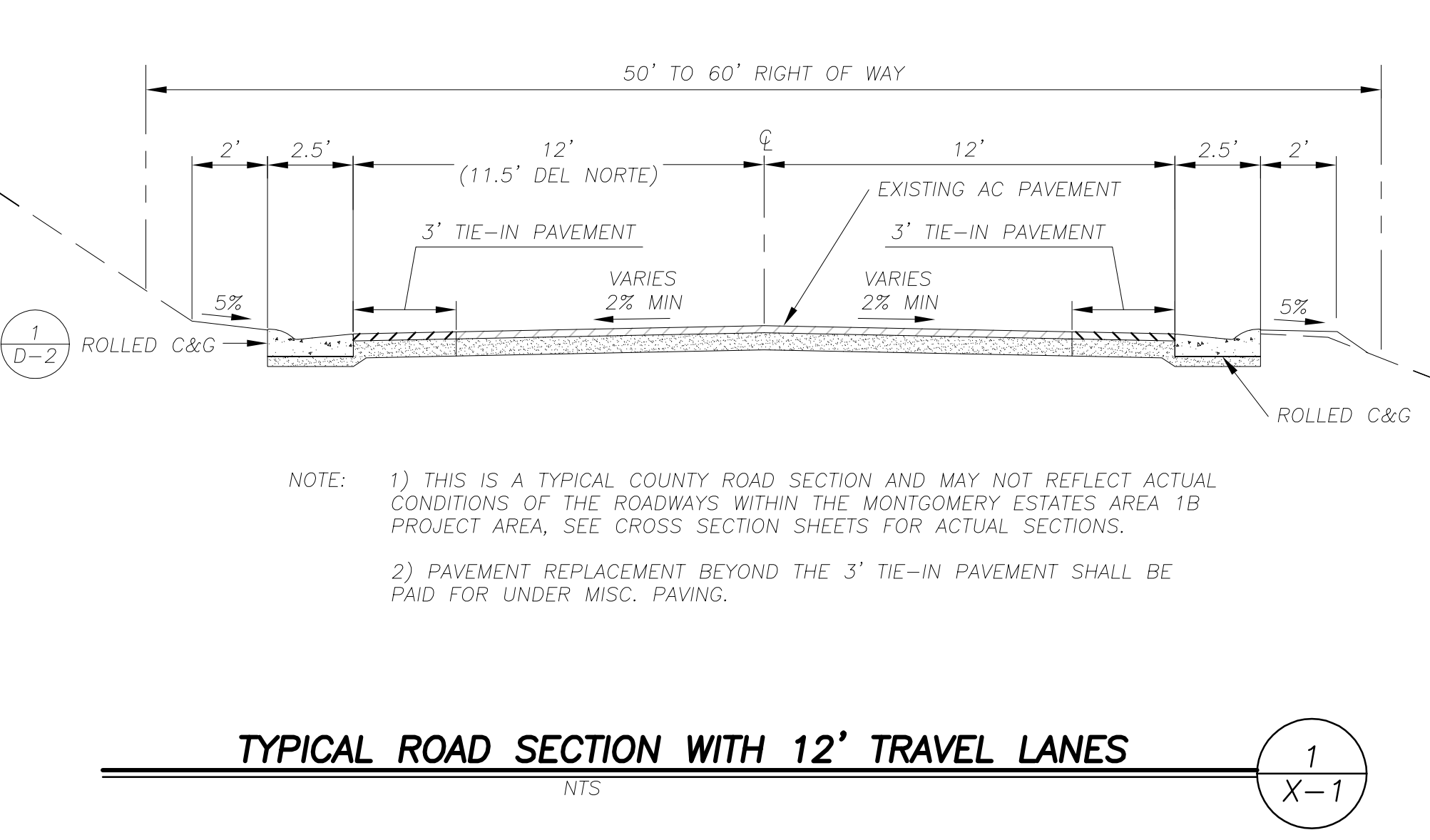
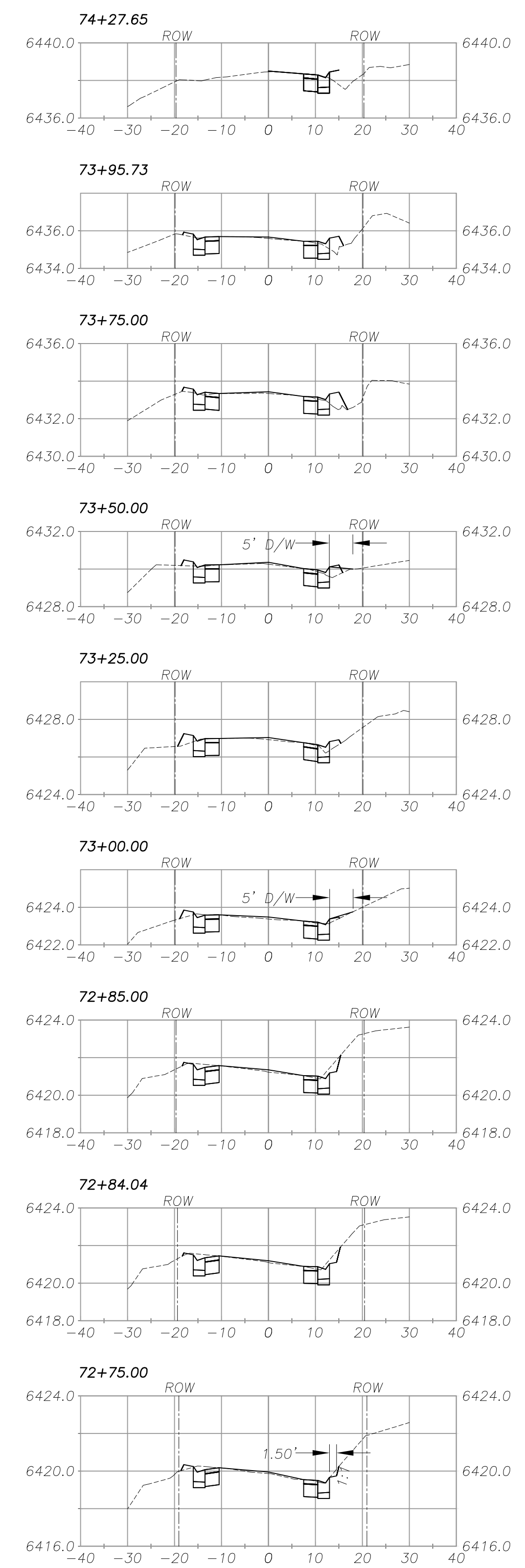
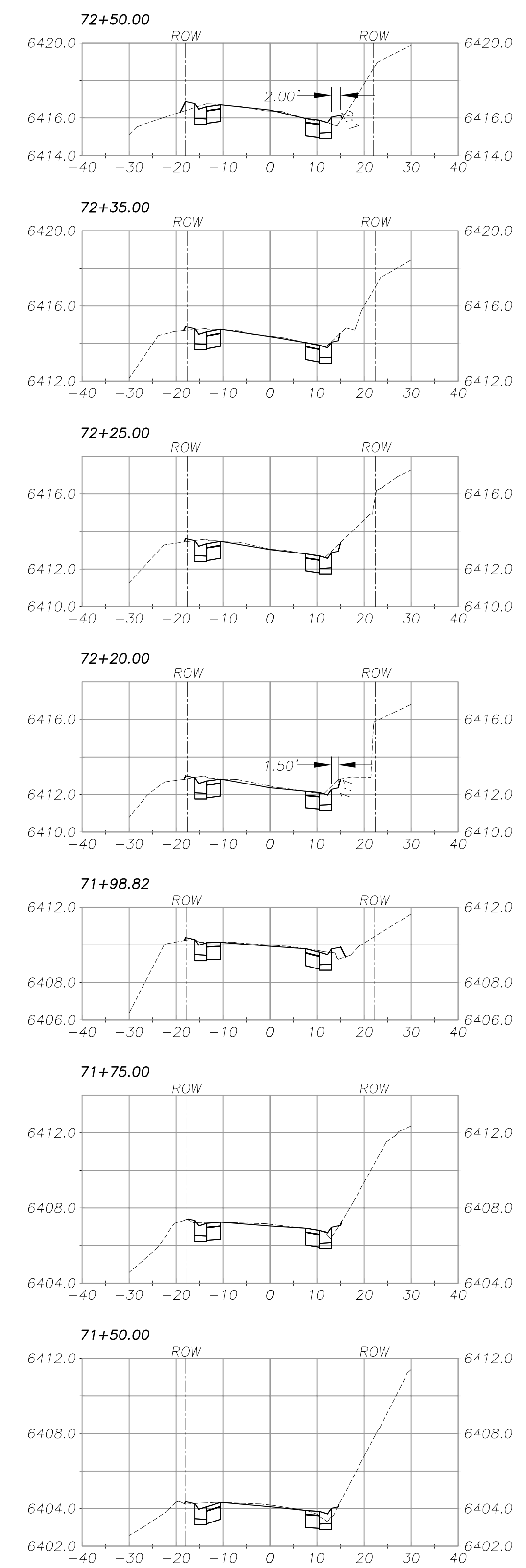
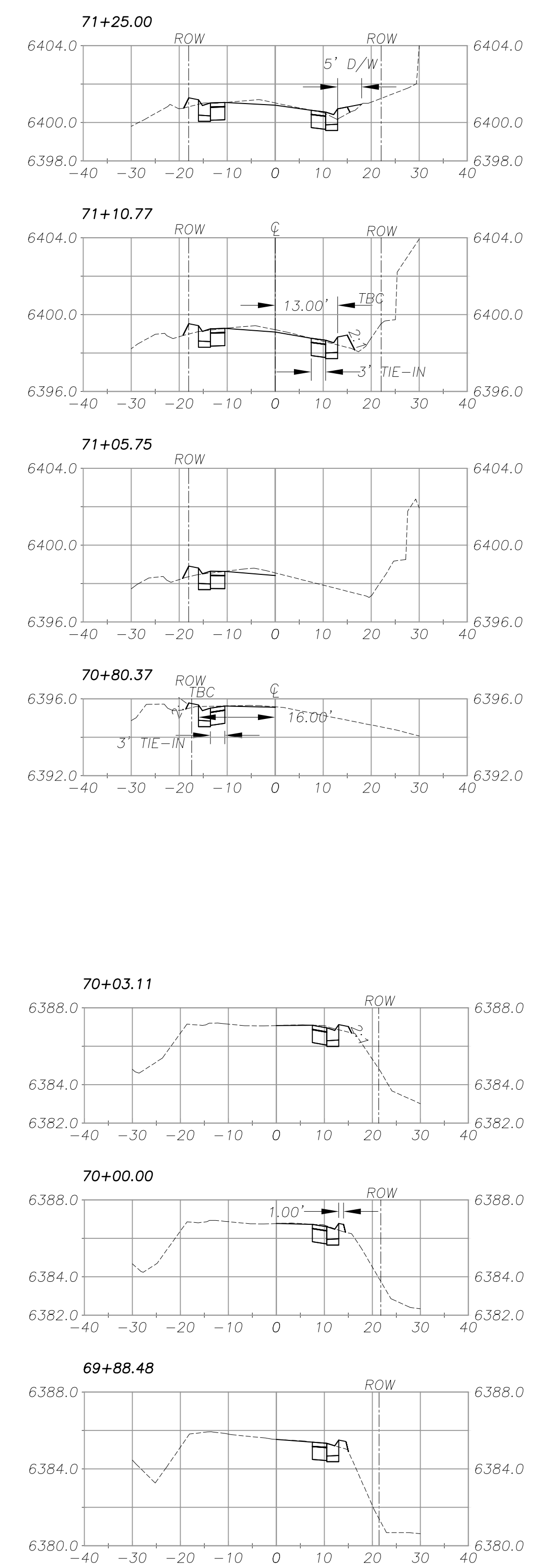
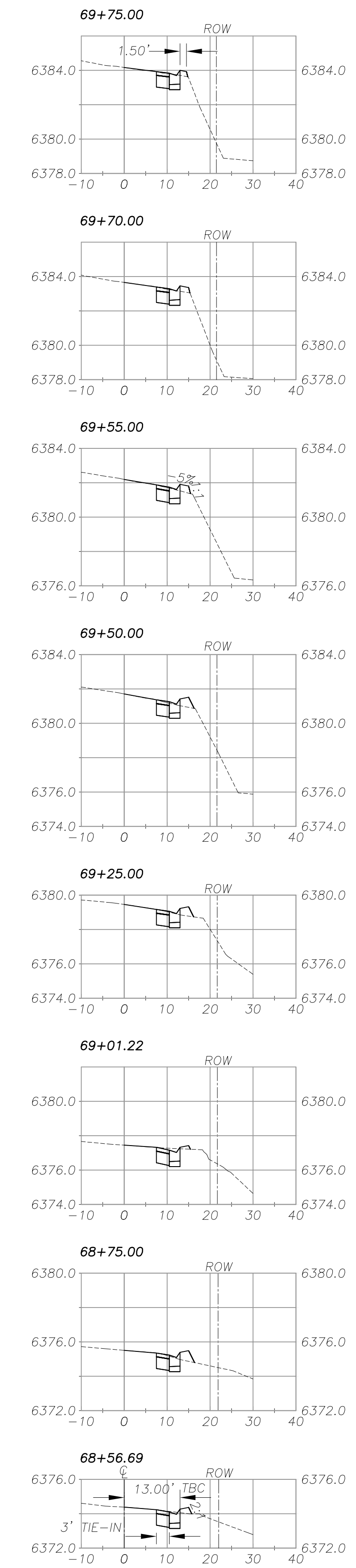
**EL DORADO COUNTY**  
DEPARTMENT OF TRANSPORTATION

MONTGOMERY ESTATES AREA 1B  
TALBOT PLACE PLAN & PROFILE & CHANNEL  
STA 10+00.00 TO 10+20.80, 20+21.42 TO 23+00.00

SHEET  
**P-08**  
13 OF 28  
CONTRACT NO.  
**PW 11-30603**  
SHEET NO.  
**95193**

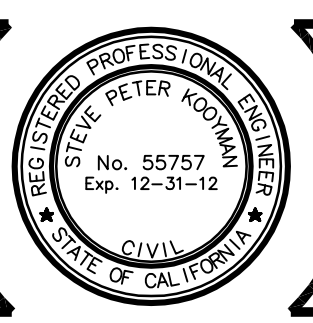
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 2 1 0

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



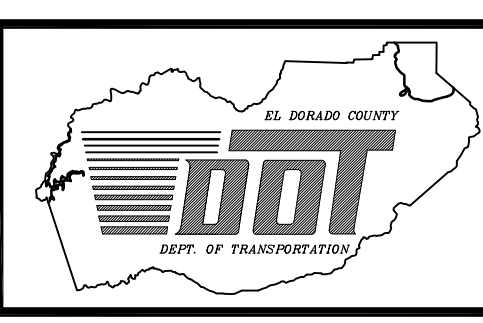
COLD CREEK  
TYPICAL SECTIONS

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/16/2012

DESIGNED: DWK  
 DRAWN: KIS  
 CHECKED: DSP  
 DATE: 12/2011  
 ROAD NUMBER:

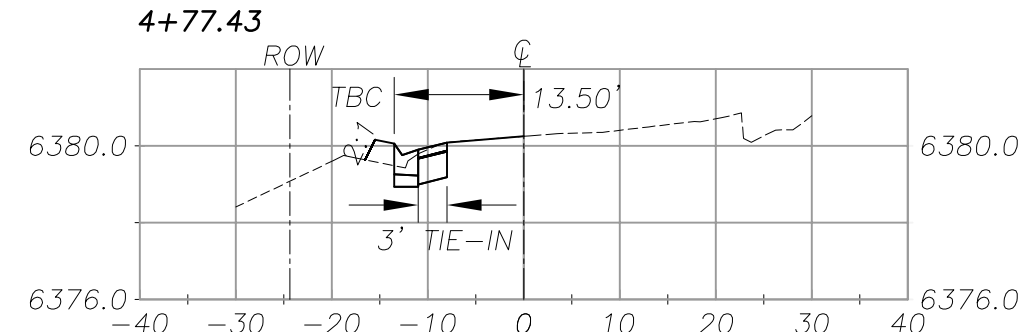
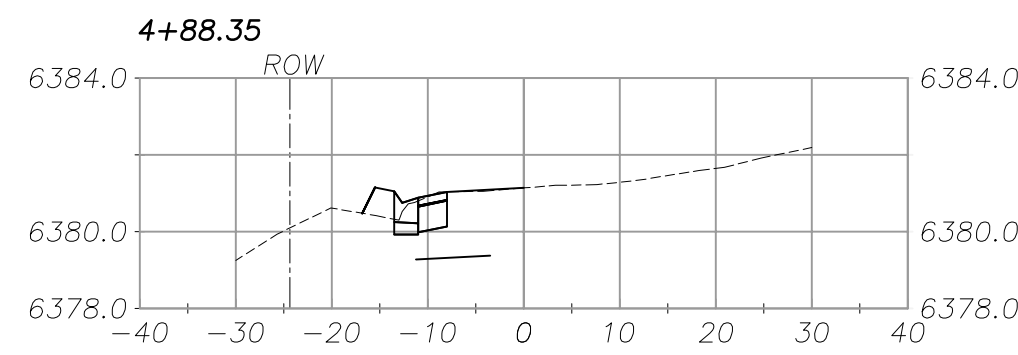
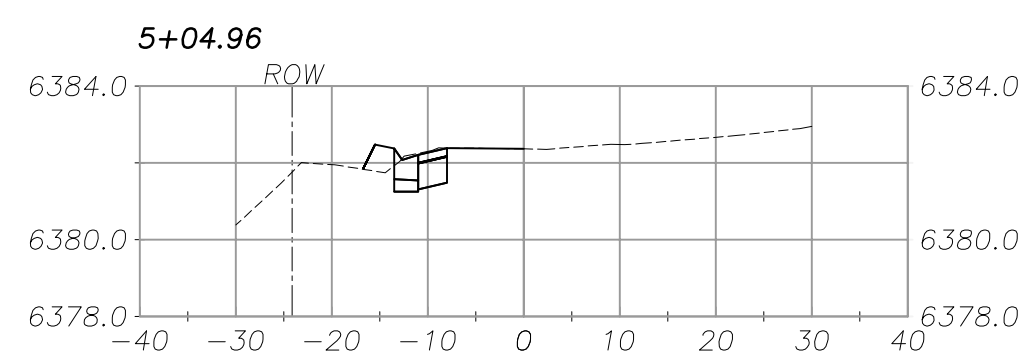
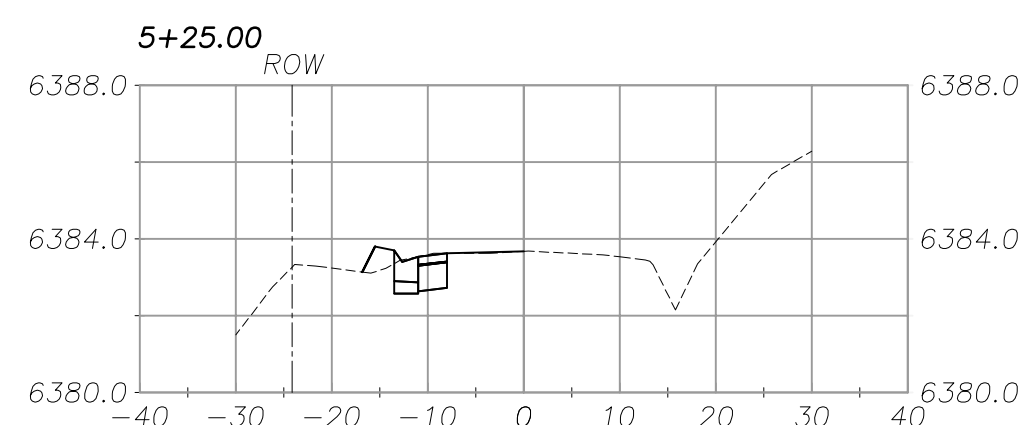
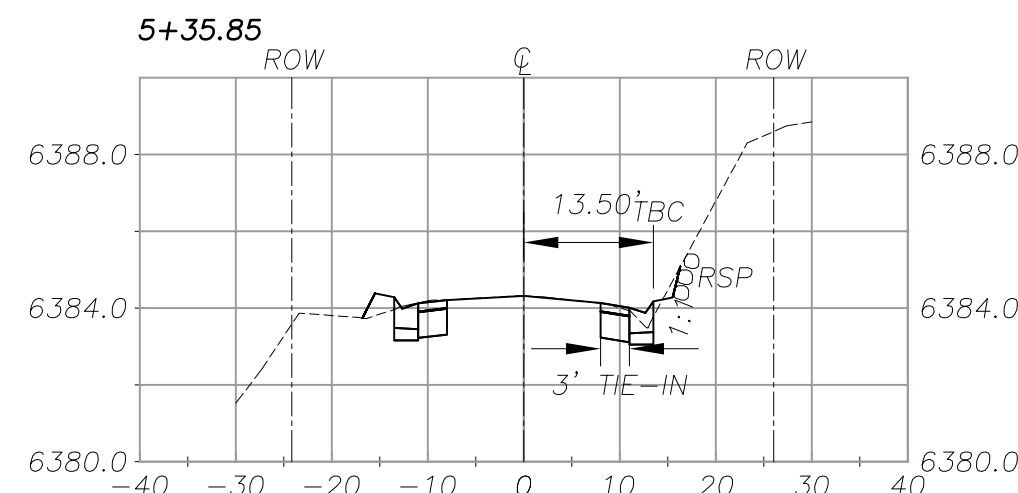
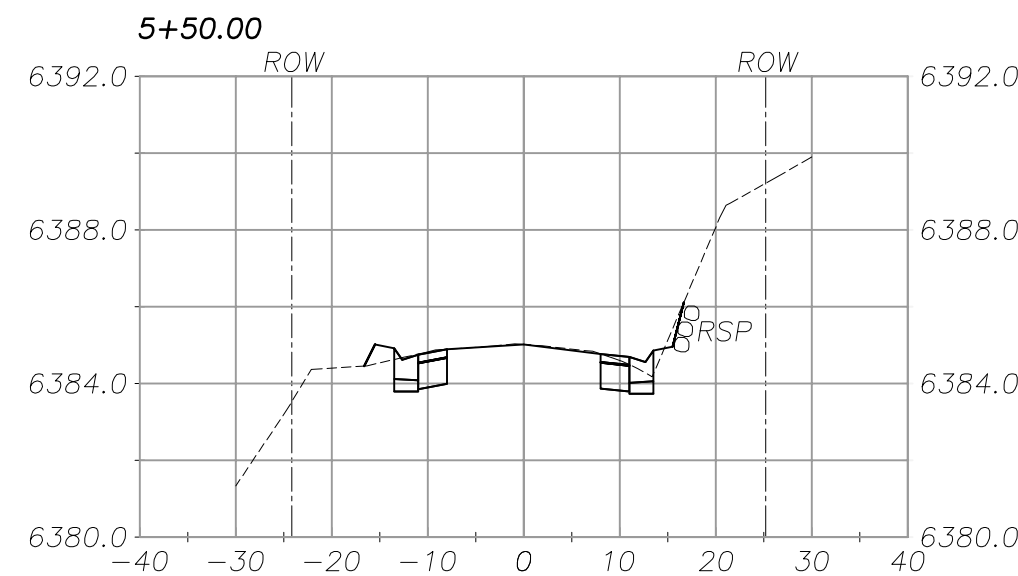


EL DORADO COUNTY  
 DEPARTMENT OF TRANSPORTATION

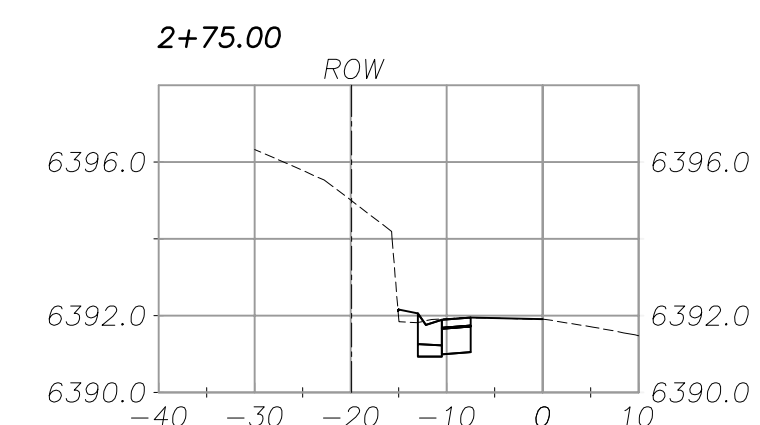
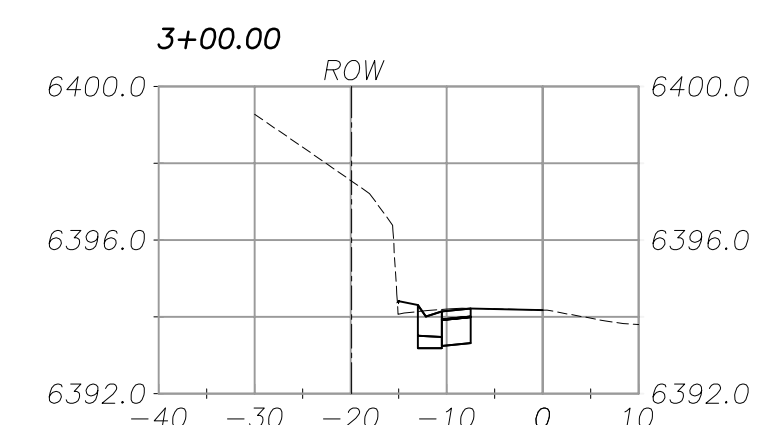
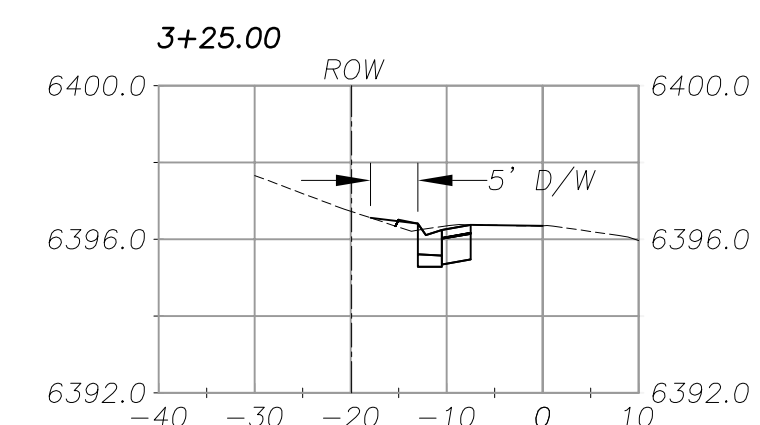
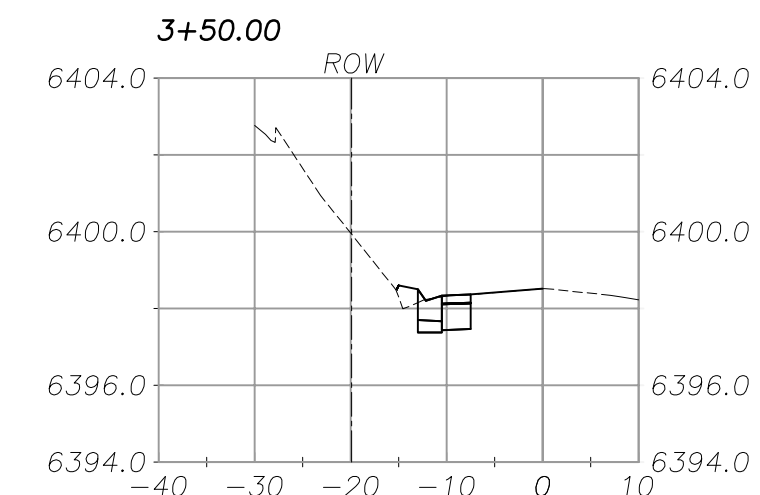
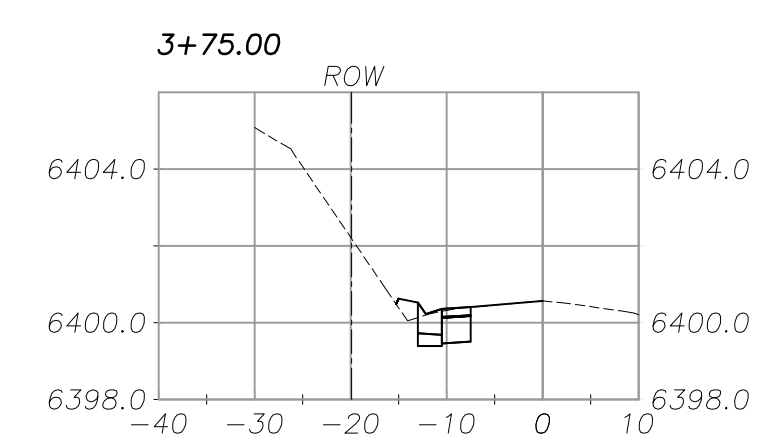
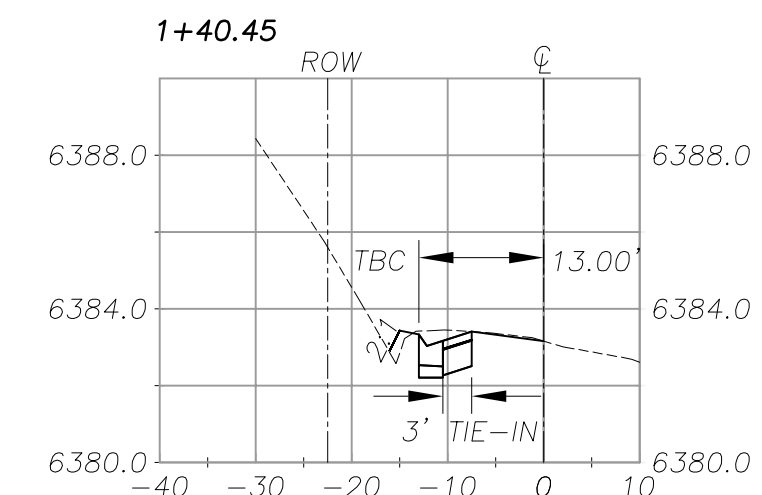
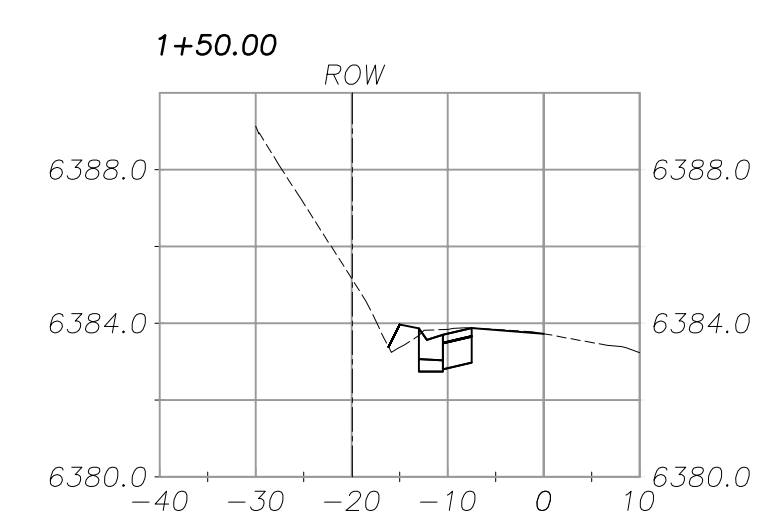
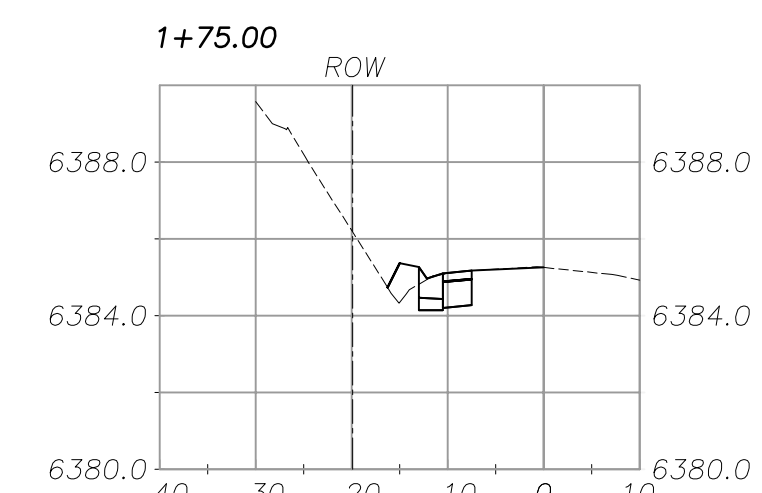
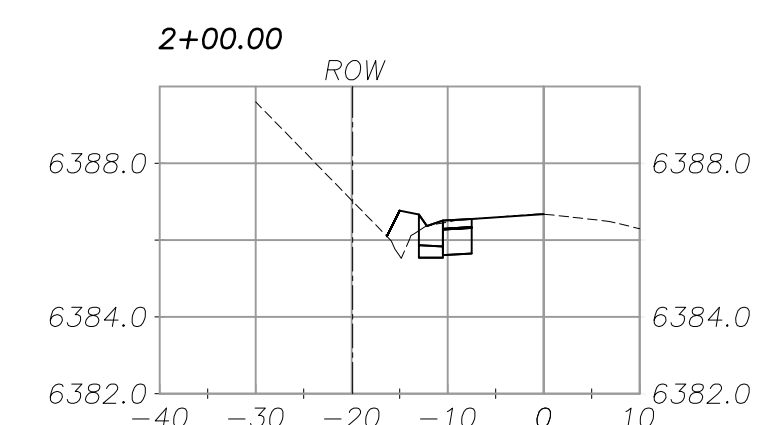
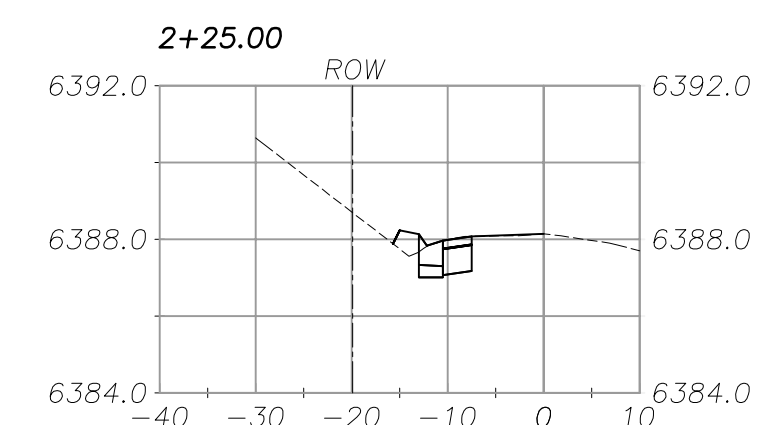
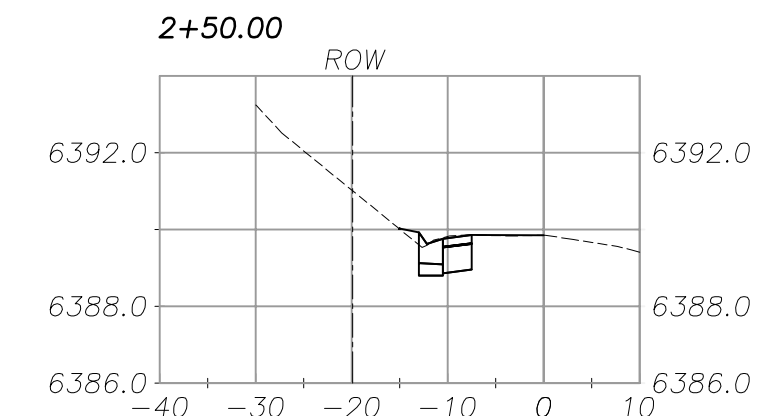
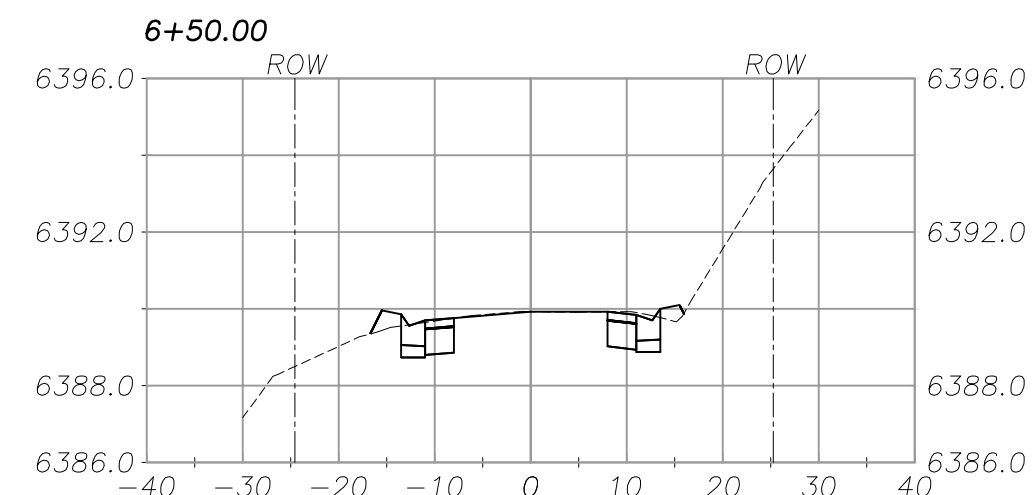
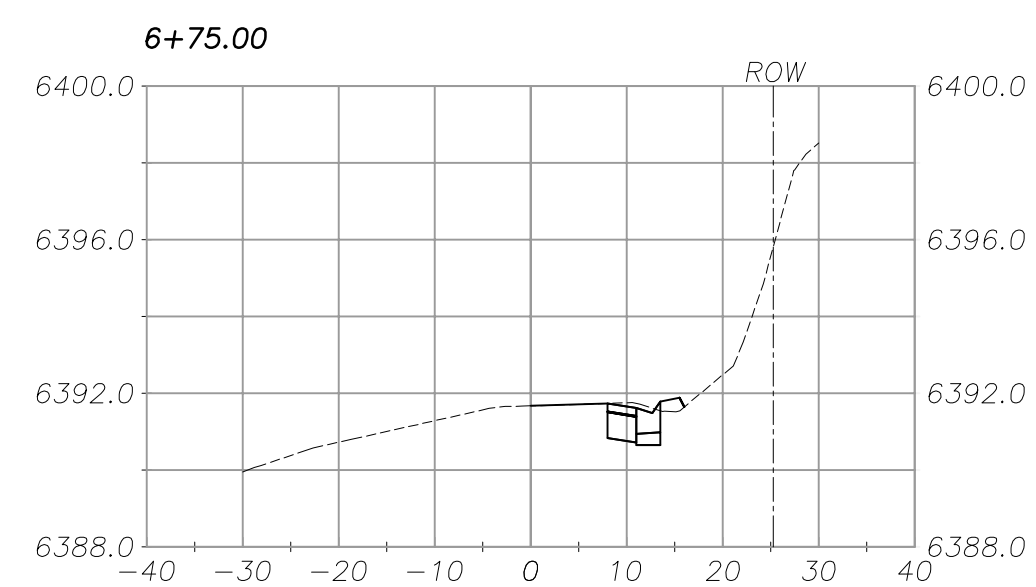
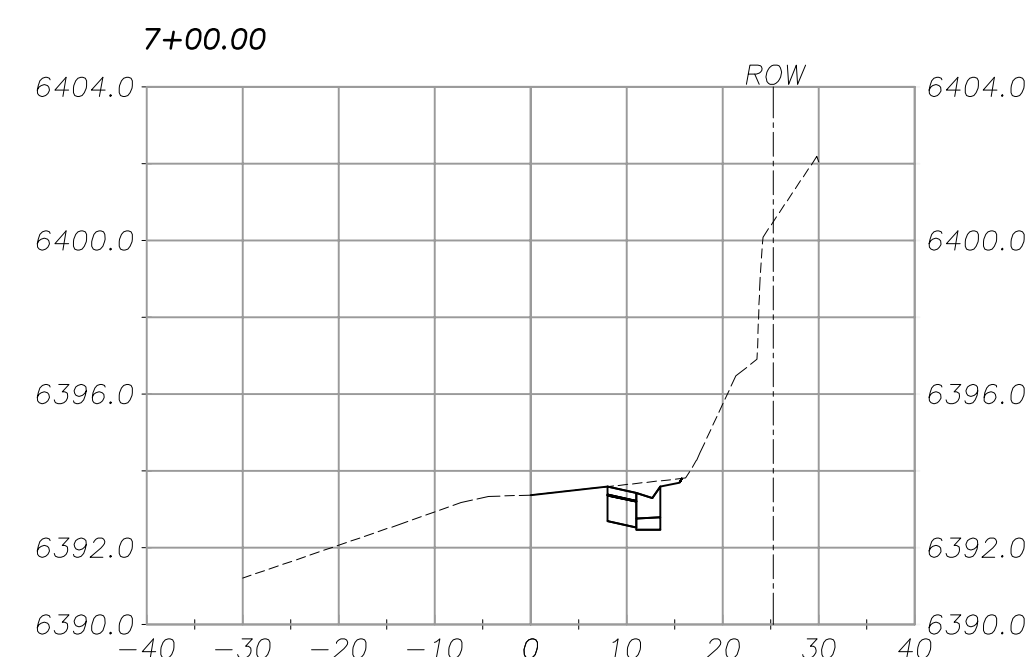
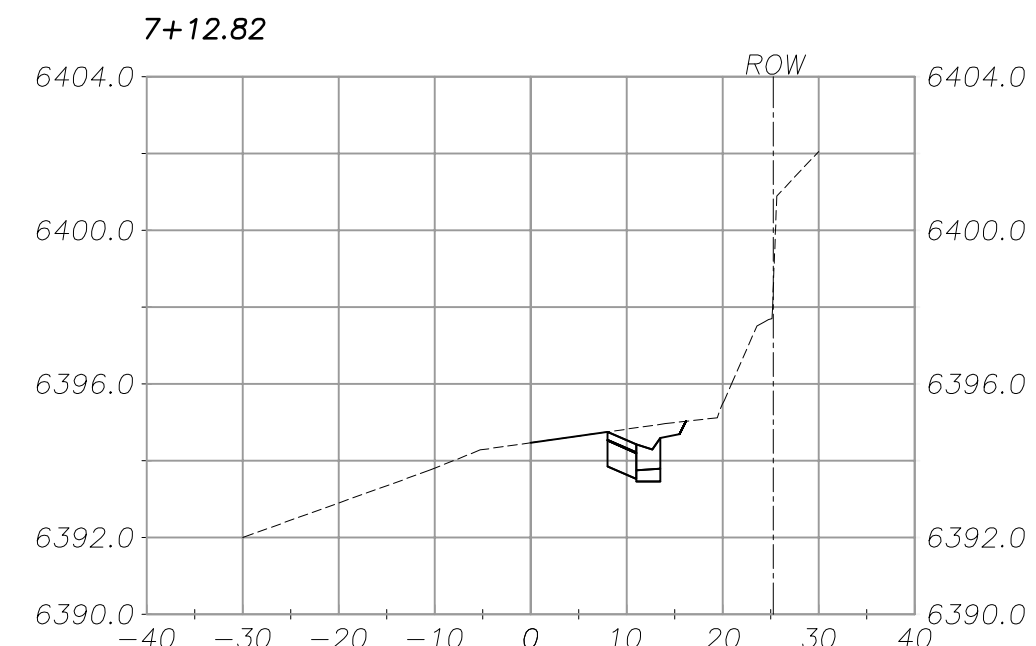
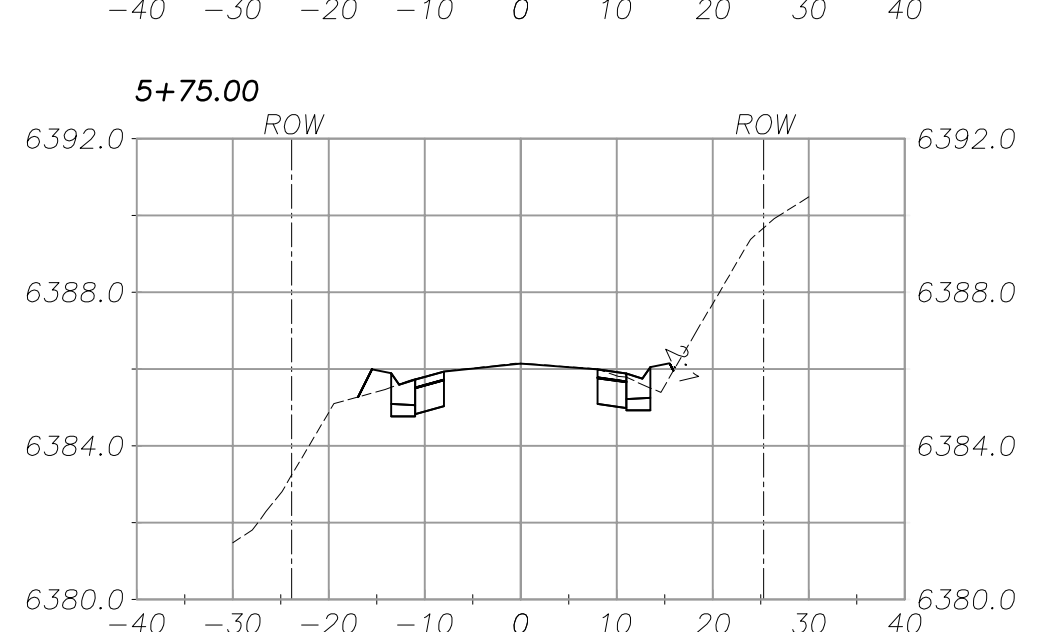
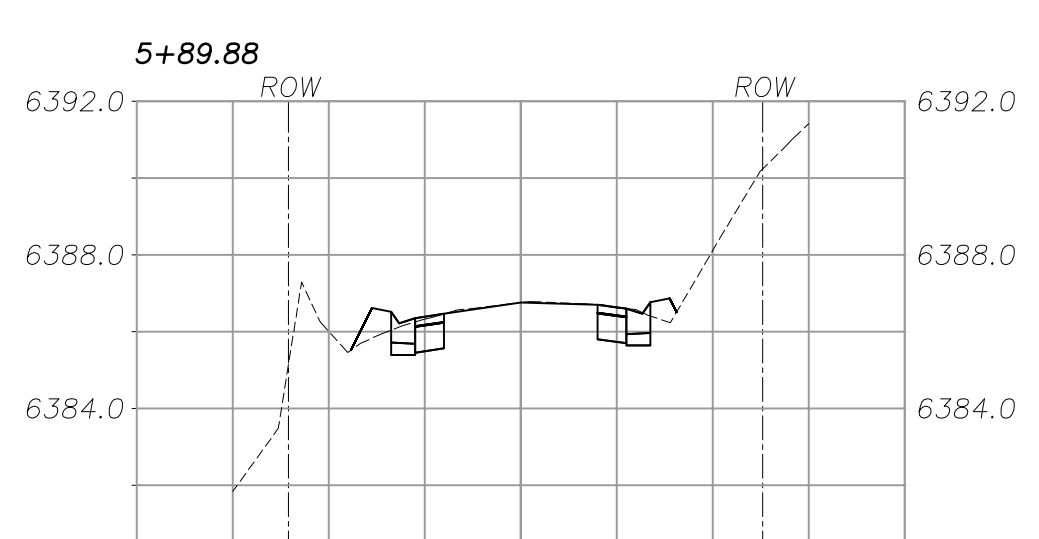
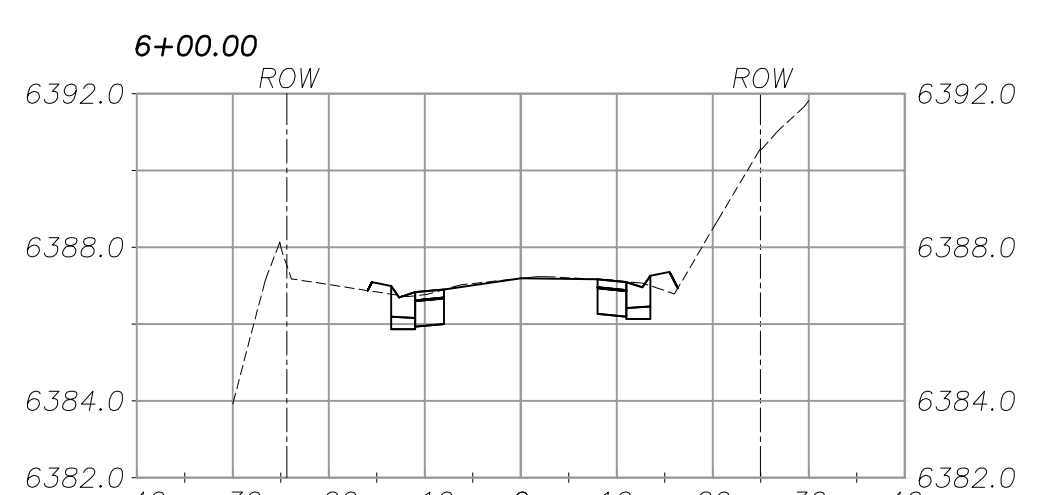
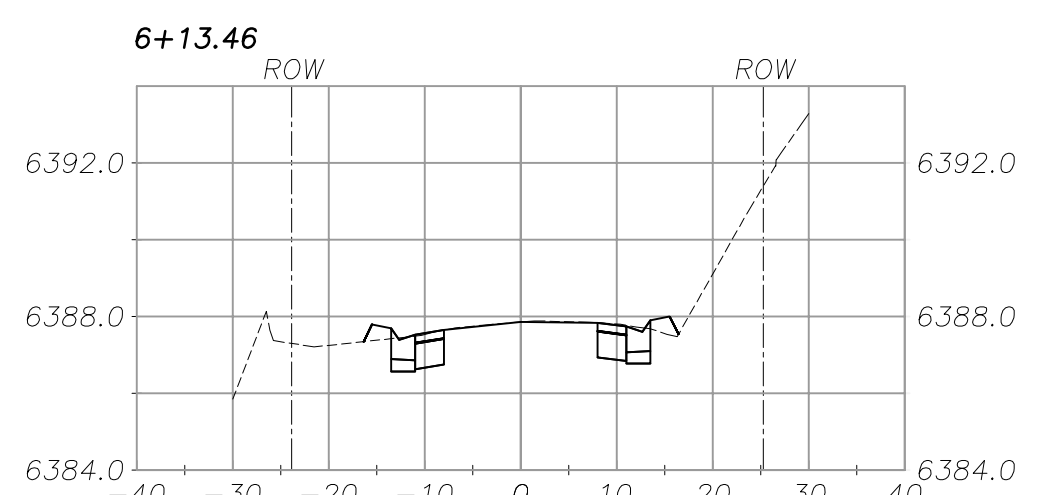
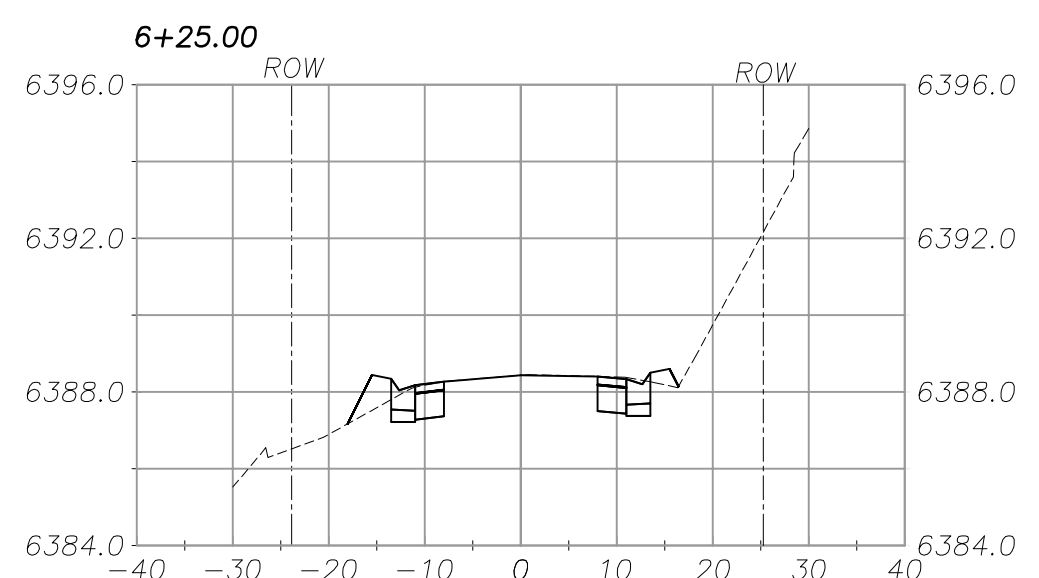
MONTGOMERY ESTATES AREA 1B  
 X SECTIONS  
 COLD CREEK TRAIL

SHEET  
 X-1  
 14 of 28  
 CONTRACT NO.  
 PW 11-30603  
 CIP No.  
 95193

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



AMADOR WAY  
TYPICAL SECTION



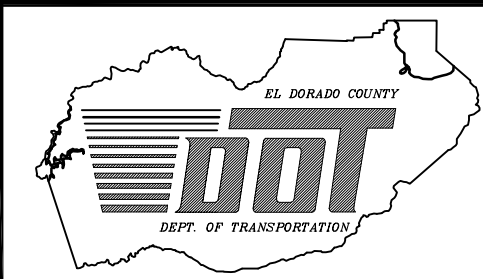
DEL NORTE STREET  
TYPICAL SECTION

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/16/2012

DESIGNED: DWK DRAWN: KIS  
 CHECKED: DSP DATE: 12/2011  
 ROAD NUMBER:



EL DORADO COUNTY  
 DEPARTMENT OF TRANSPORTATION

MONTGOMERY ESTATES AREA 1B  
 X SECTIONS  
 AMADOR WAY & DEL NORTE STREET

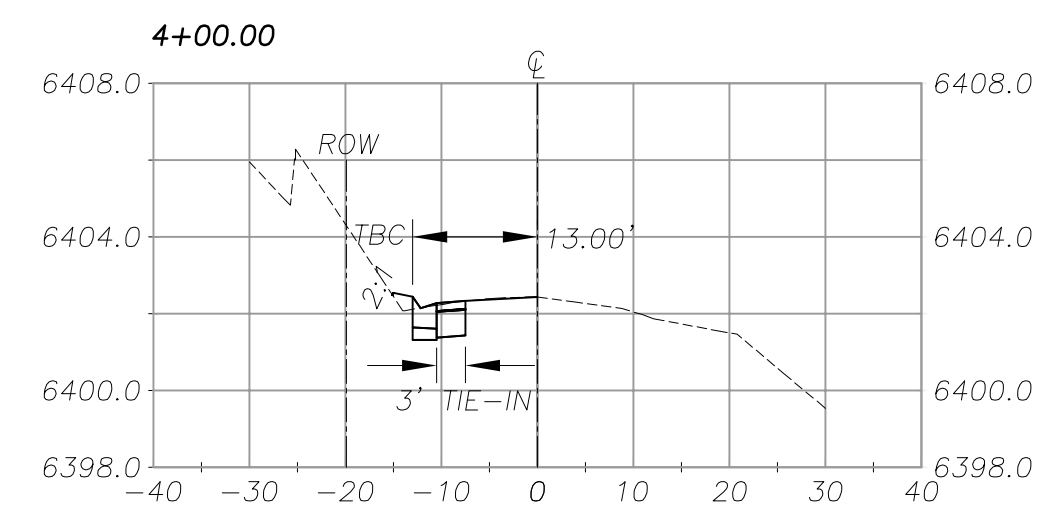
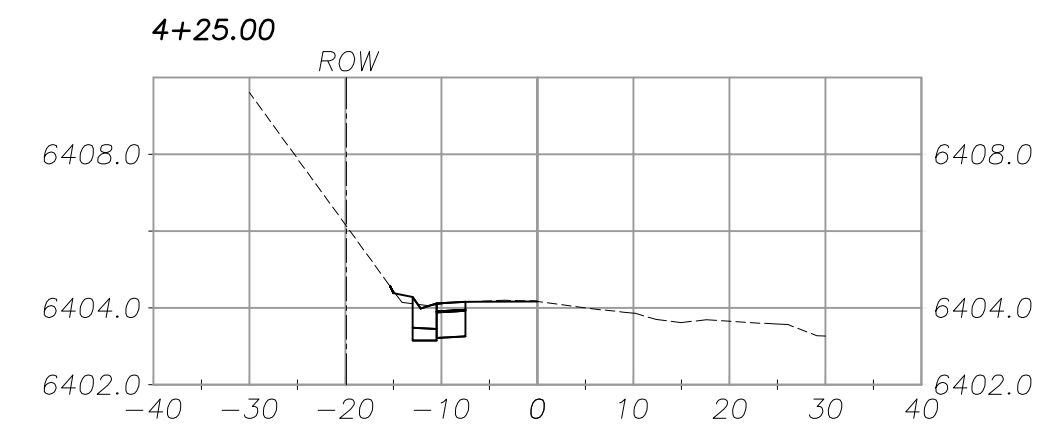
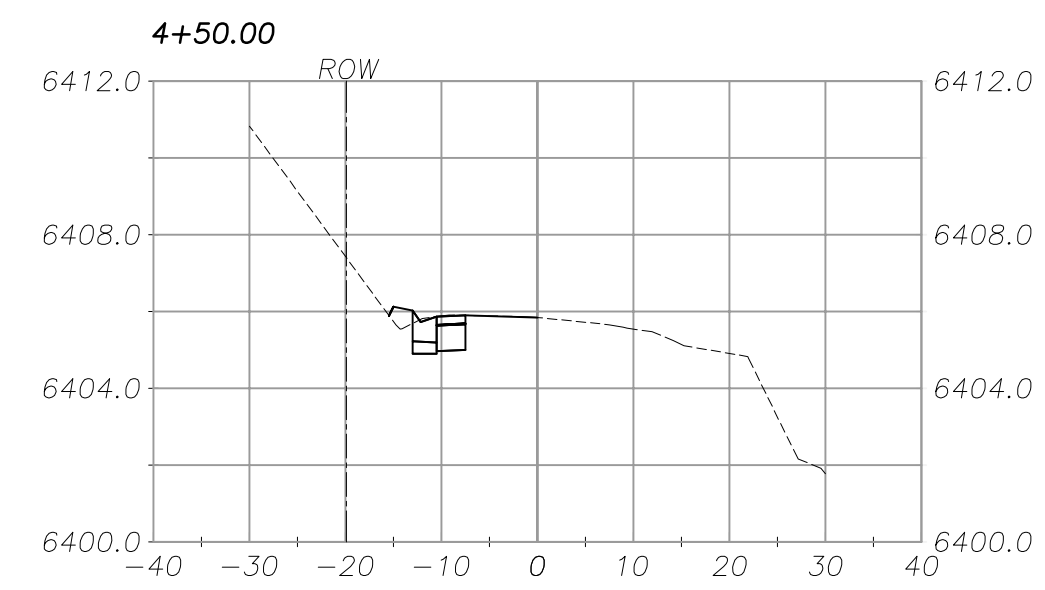
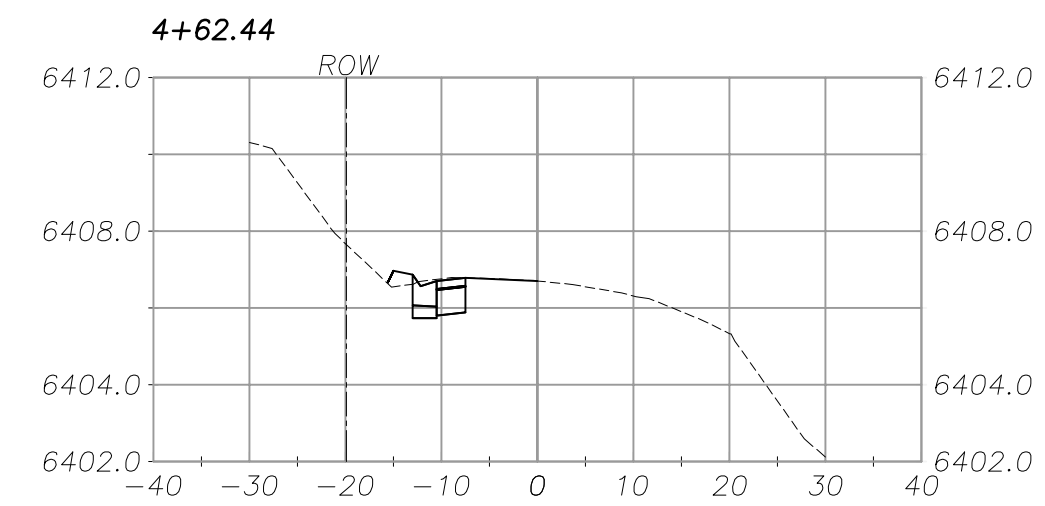
SHEET X-2  
 15 of 28  
 CONTRACT NO. PW 11-30603  
 D/P No. 05103

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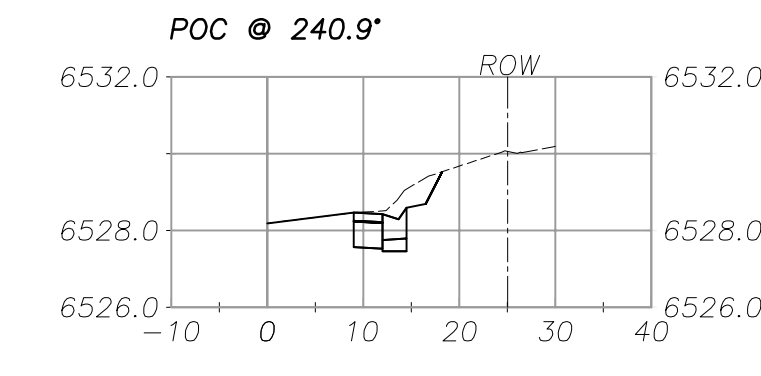
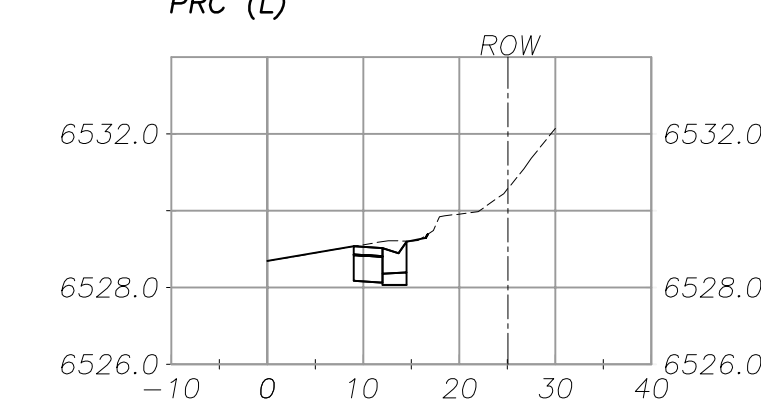
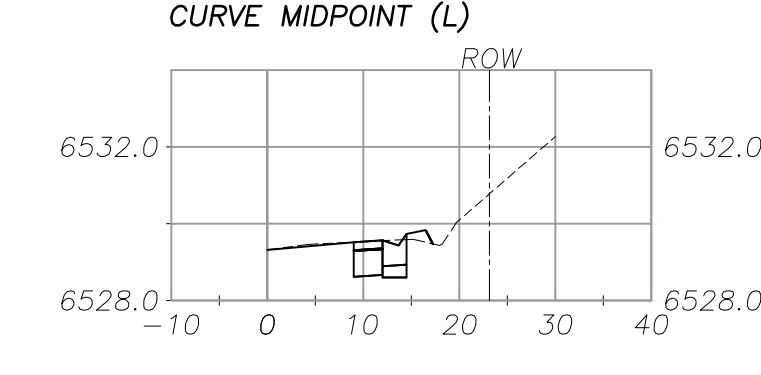
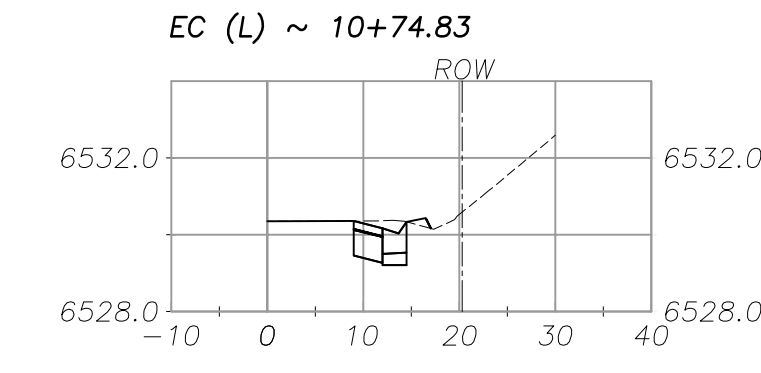
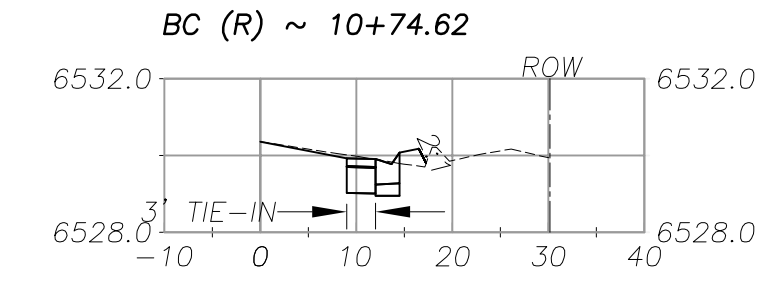
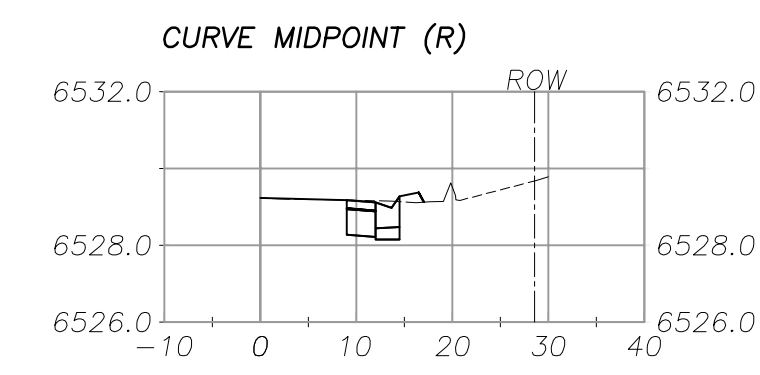
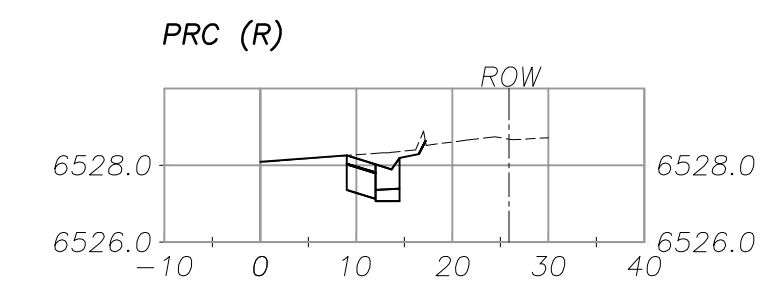
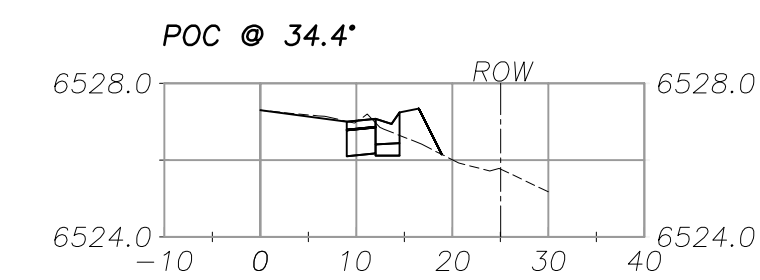
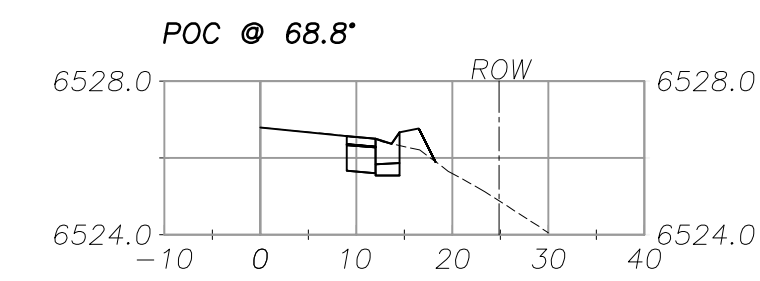
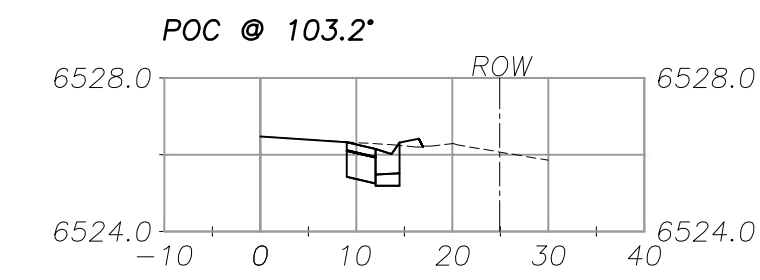
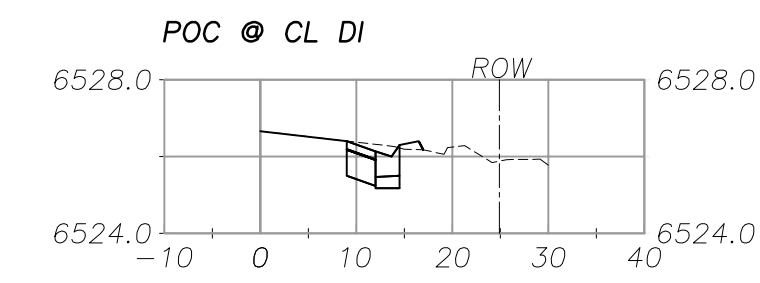
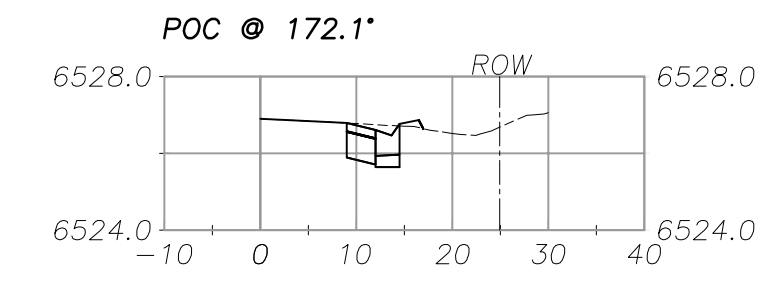
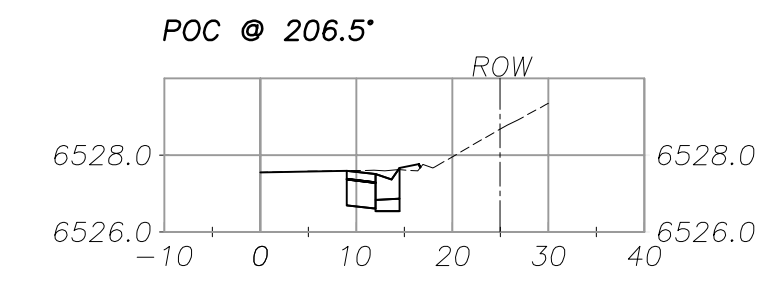
2 ORIGINAL SCALE IS IN INCHES

1  
0

FOR REDUCED PLANS

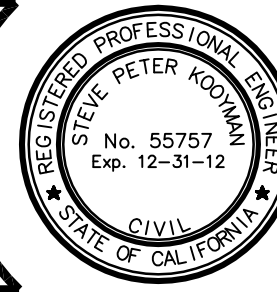


DEL NORTE STREET (CONT)  
TYPICAL SECTION



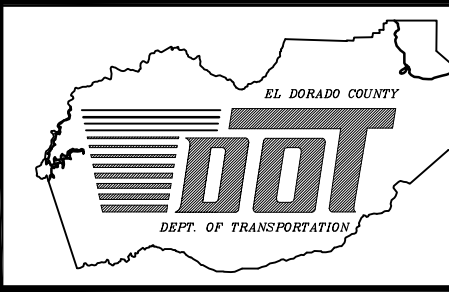
TALBOT PLACE  
TYPICAL SECTION

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/16/2012

DESIGNED: DWK  
 DRAWN: KIS  
 CHECKED: DSP  
 DATE: 12/2011  
 ROAD NUMBER:



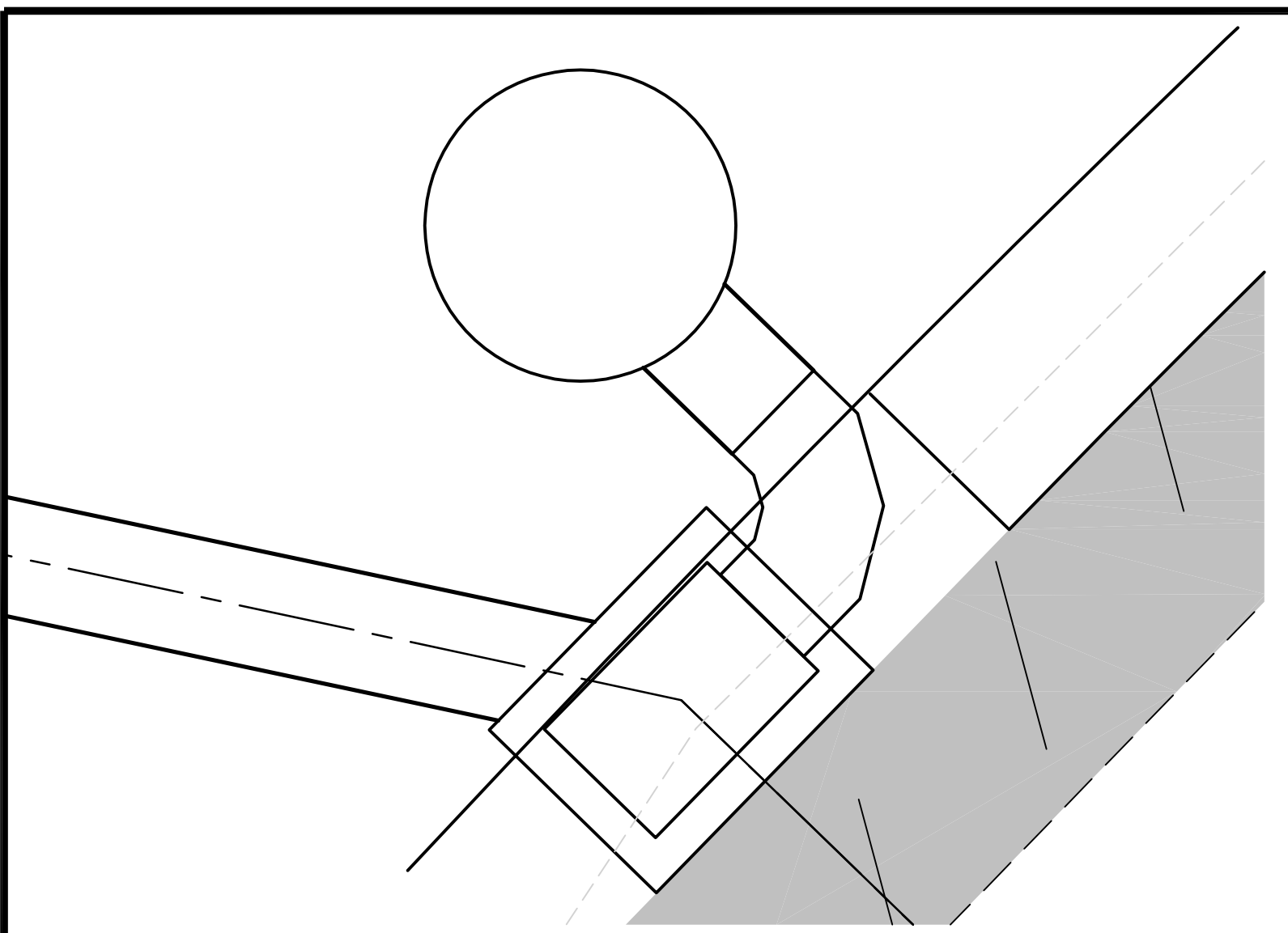
EL DORADO COUNTY  
 DEPARTMENT OF TRANSPORTATION

MONTGOMERY ESTATES AREA 1B  
 X SECTIONS  
 DEL NORTE STREET (CONT), ALICE LAKE DRIVE,  
 TALBOT PLACE

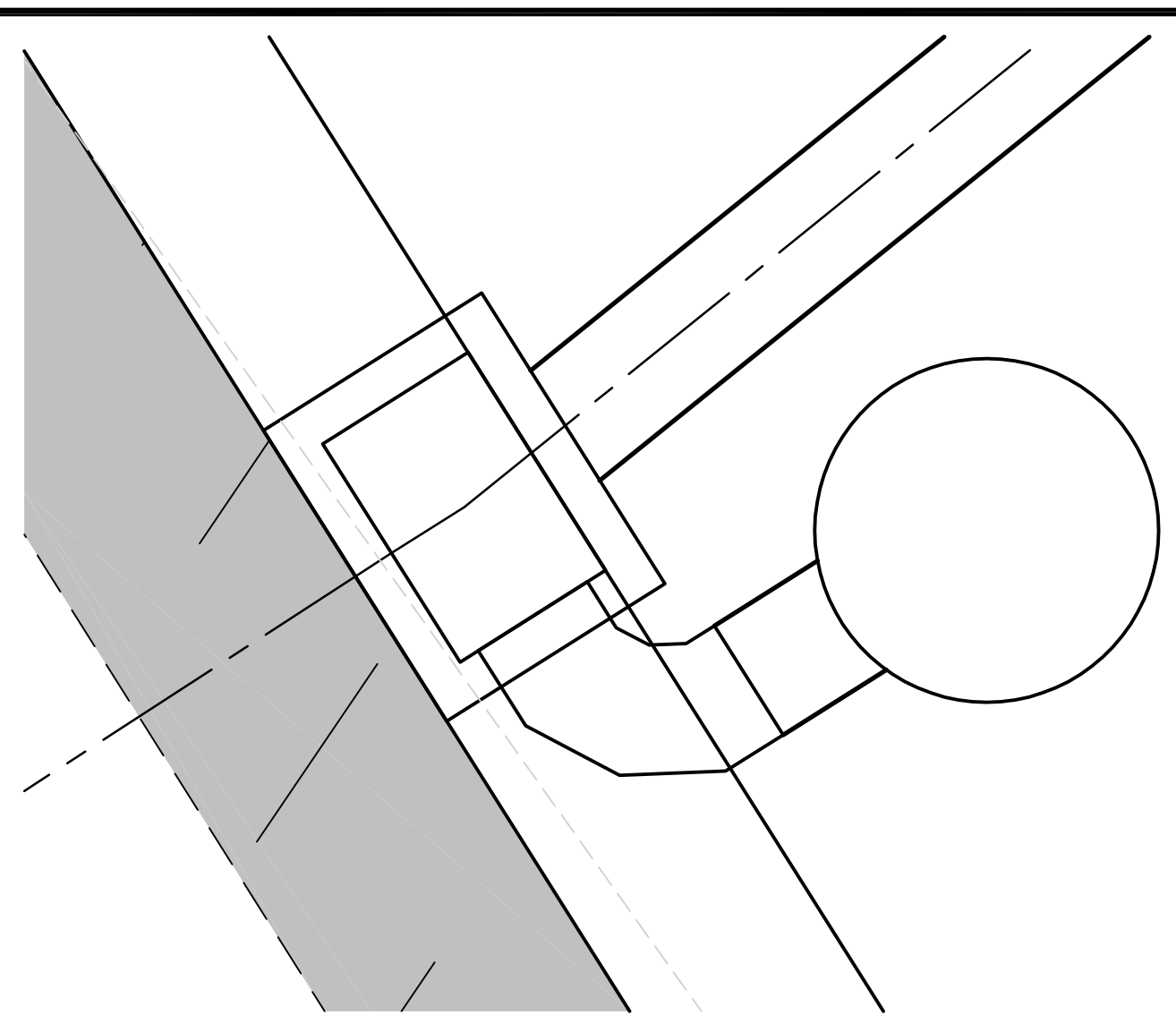
SHEET  
 X-3  
 16 of 28  
 CONTRACT NO.  
 PW 11-30603  
 D/P No.  
 85183



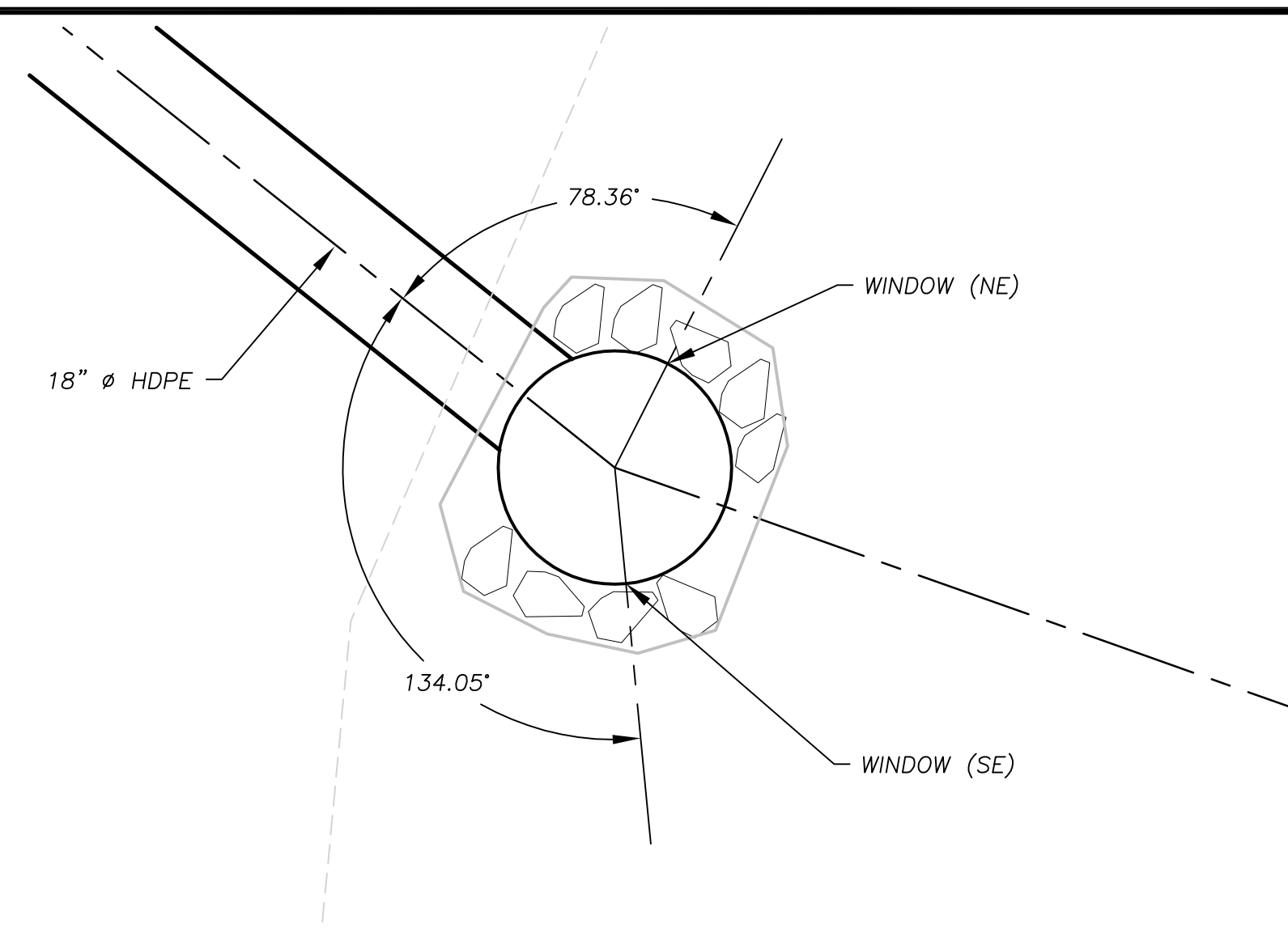
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 2 1 0



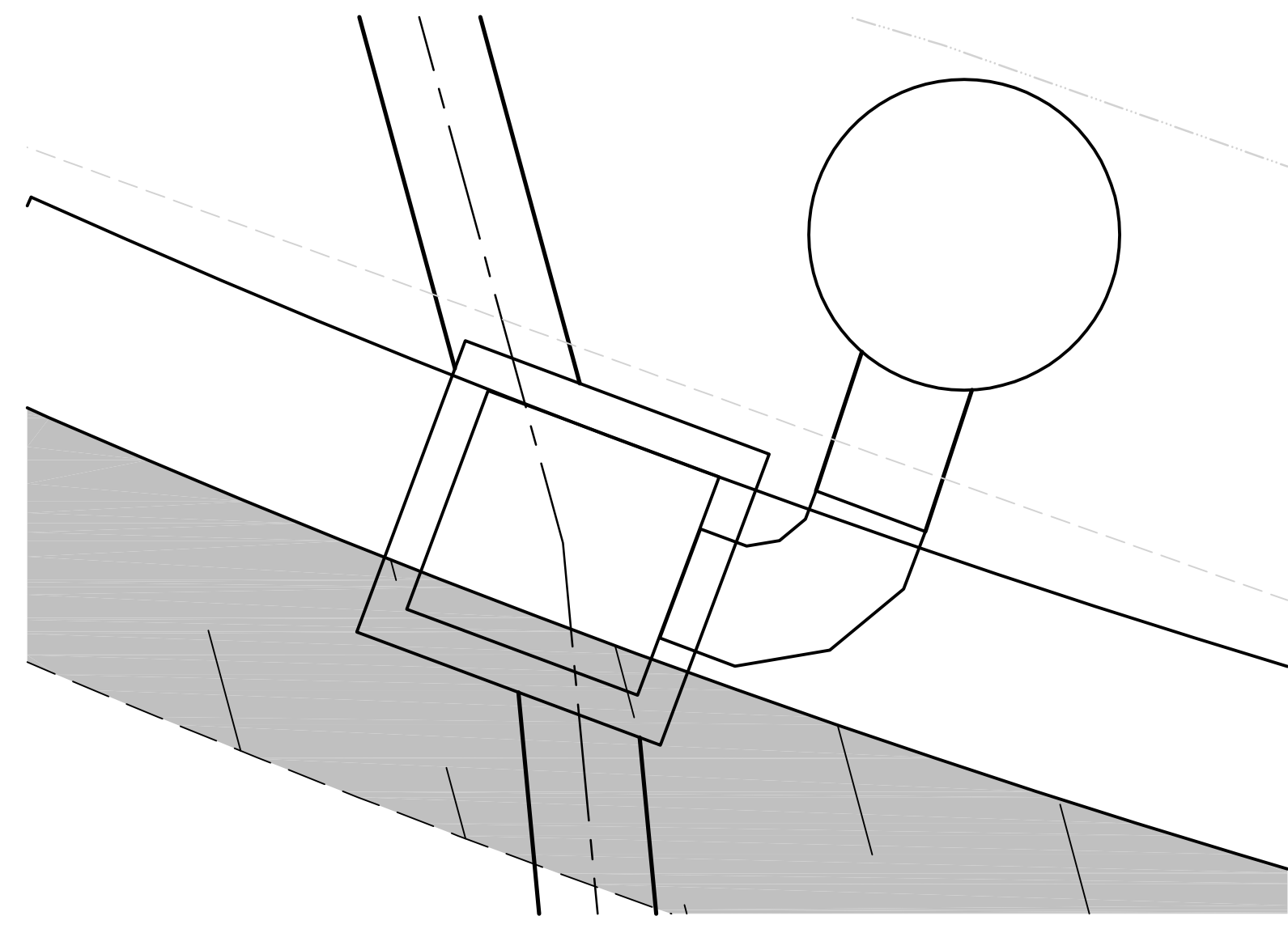
AMADOR WAY 4+83.83 (P-03)  
NTS



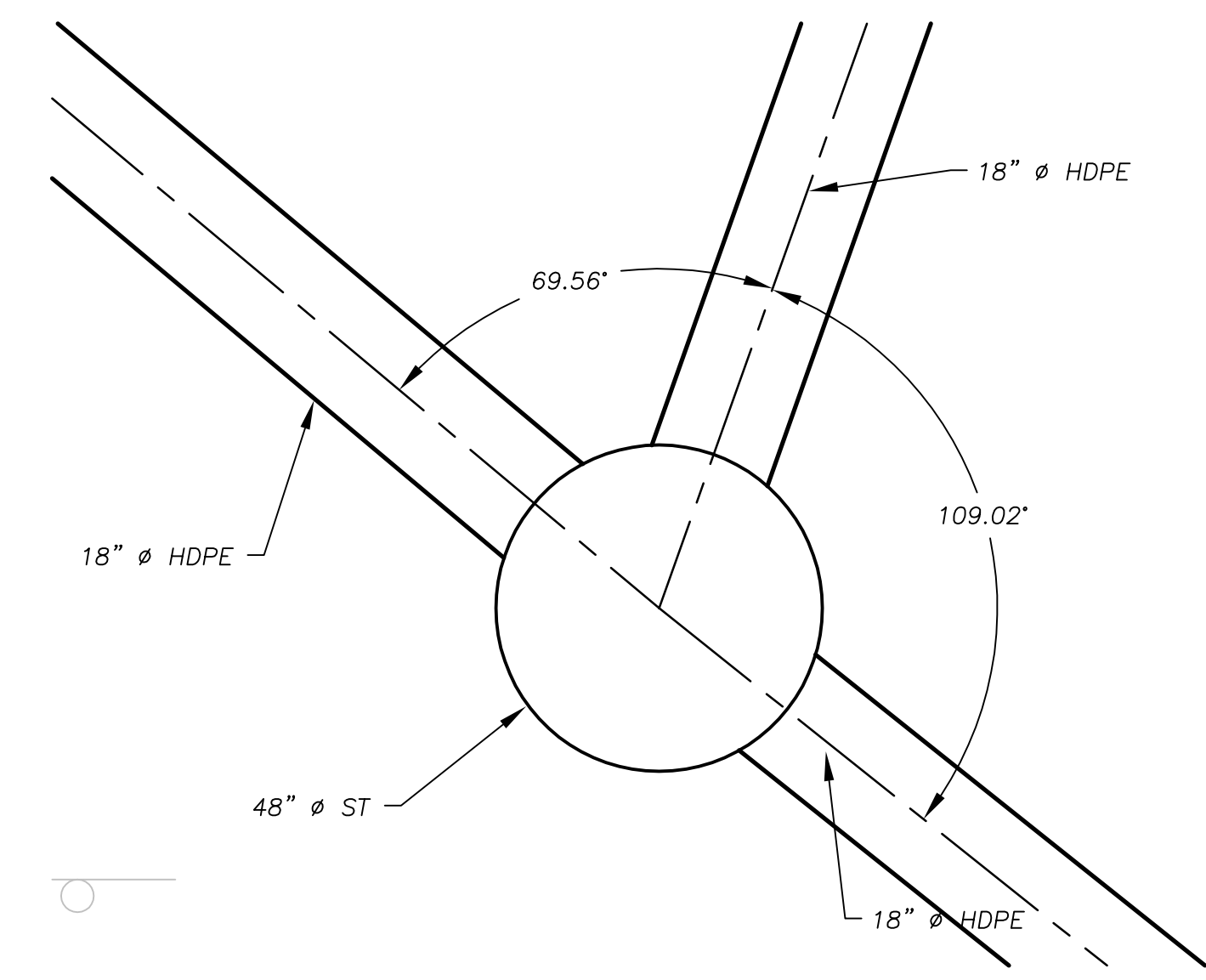
COLD CREEK 72+96.68 (P-05)  
NTS



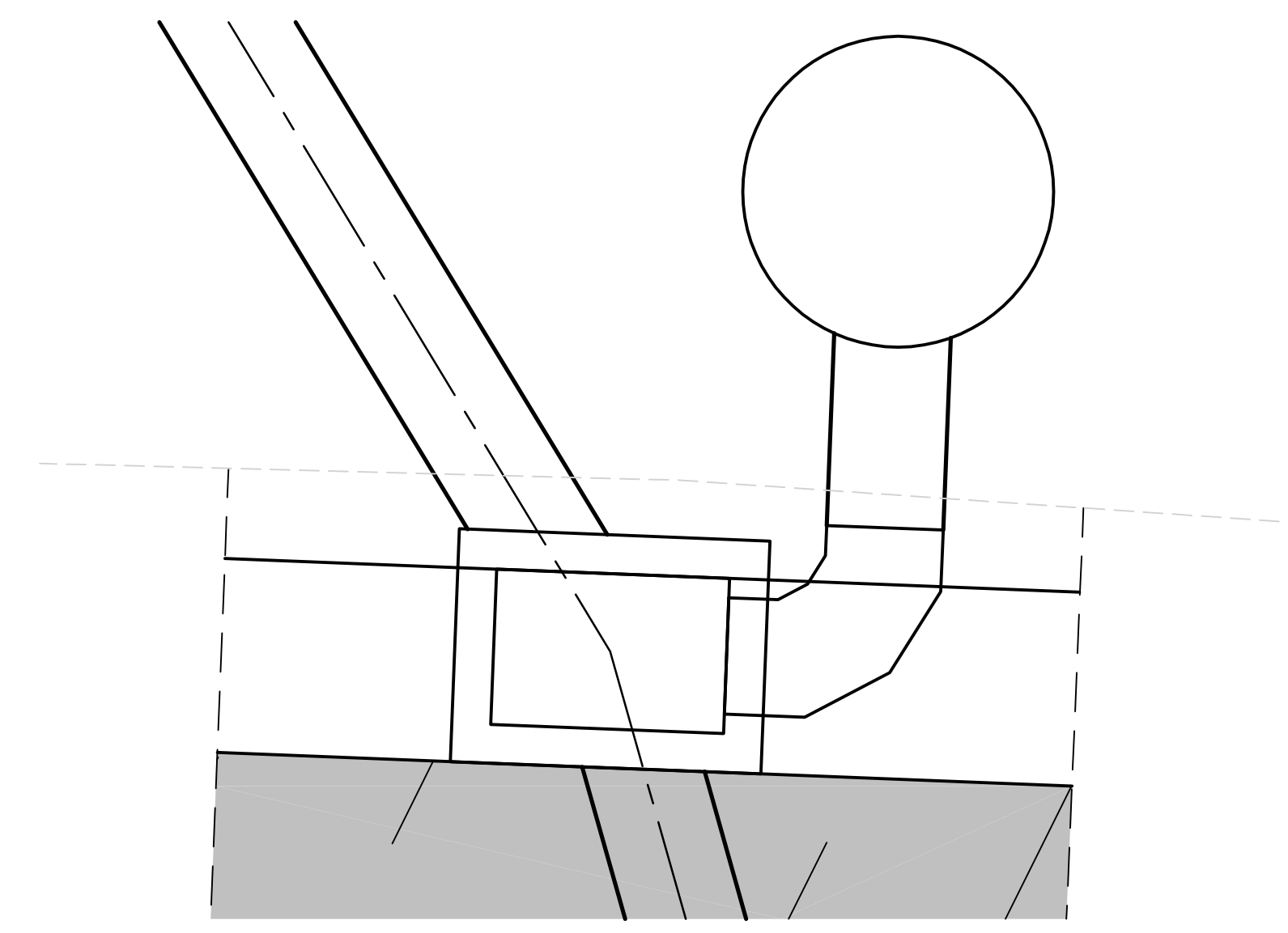
COLD CREEK 76+12.95 (P-06)  
NTS



COLD CREEK 70+89.30 (P-04)  
NTS

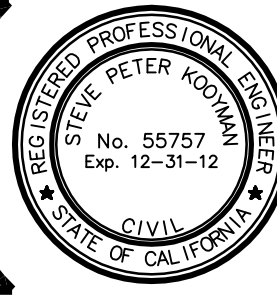


COLD CREEK 75+55.34 (P-06)  
NTS



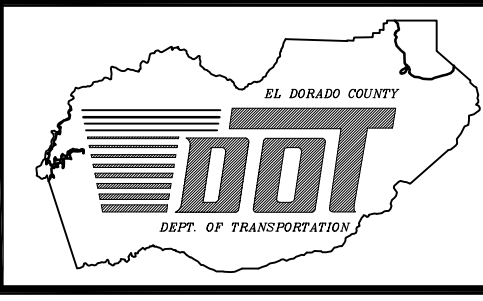
ALICE LAKE 17+03.44 (P-07)  
NTS

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
\_\_\_\_\_  
REGISTERED CIVIL ENGINEER  
DATE: \_\_\_\_\_

DESIGNED: DWK  
DRAWN: KIS  
CHECKED: DSP  
DATE: 12/2011  
ROAD NUMBER: \_\_\_\_\_

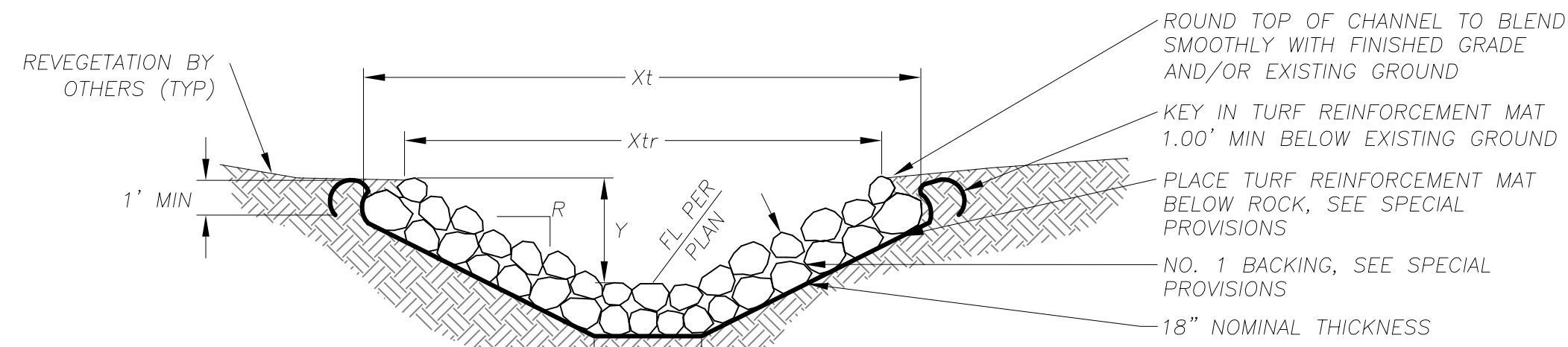


EL DORADO COUNTY  
DEPARTMENT OF TRANSPORTATION

MONTGOMERY ESTATES AREA 1B  
HORIZONTAL CONTROL  
-----

SHEET  
**H-1**  
17 of 28  
CONTRACT NO.  
**PW 11-30603**  
CIP No.  
**05103**

Drawing name: SACVIL\_3D\_PROJECTS\3DSS\Engineering\PLAN\_IB\ME\_IB\_STL\_DETAILS\_DP-16.dwg  
 ORIGINAL SCALE IS IN INCHES  
 FOR REDUCED PLANS

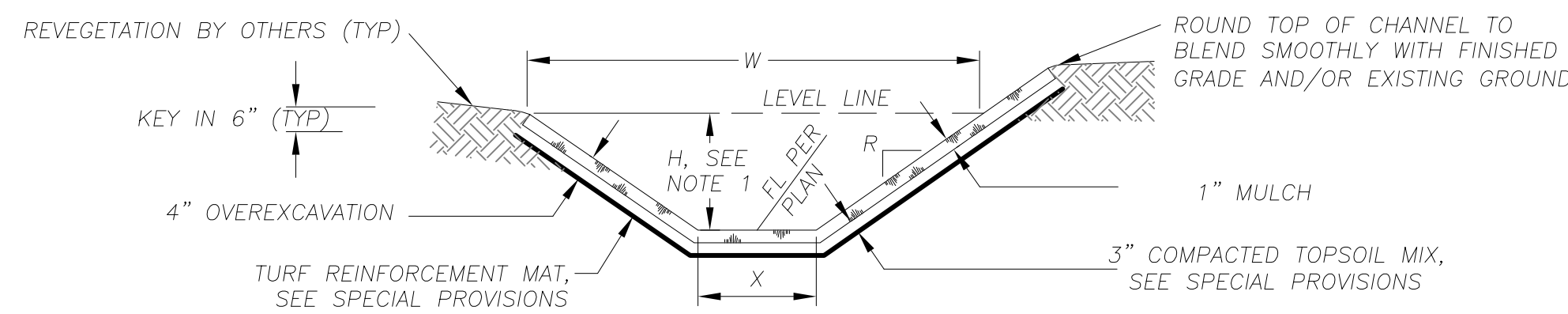


PLAN SHEET	STREET AND STATION	LF	TOP WIDTH, Xtr (ROCK)	WIDTH, Xb (EXCAVATION)	DEPTH, Y	SLOPE RATIO, R
P-08	BERNICE LANE 16+24.28	23	VARIABLES 2.4'-9.3'	1.0'	VARIABLES 1.0' - 1.7'	2:1
P-08	TALBOT CHANNEL 21+39.13	19	VARIABLES 3.1'-4.2'	1.0'	VARIABLES 1.3' - 1.6'	2:1
P-08	TALBOT BYPASS 40+05.68	6	VARIABLES 5.5'-10.0'	VARIABLES 1.4' - 2.4'	VARIABLES 0.8' - 2.0'	2:1

- NOTES:
- "Y" DEPICTS MIN REQ'D DEPTH OF CHANNEL. FINISHED TOP WIDTH AND SIDE SLOPE HEIGHT MAY VARY DEPENDING ON EXISTING TERRAIN.
  - SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.

**ROCK LINED CHANNEL**

1  
D-1

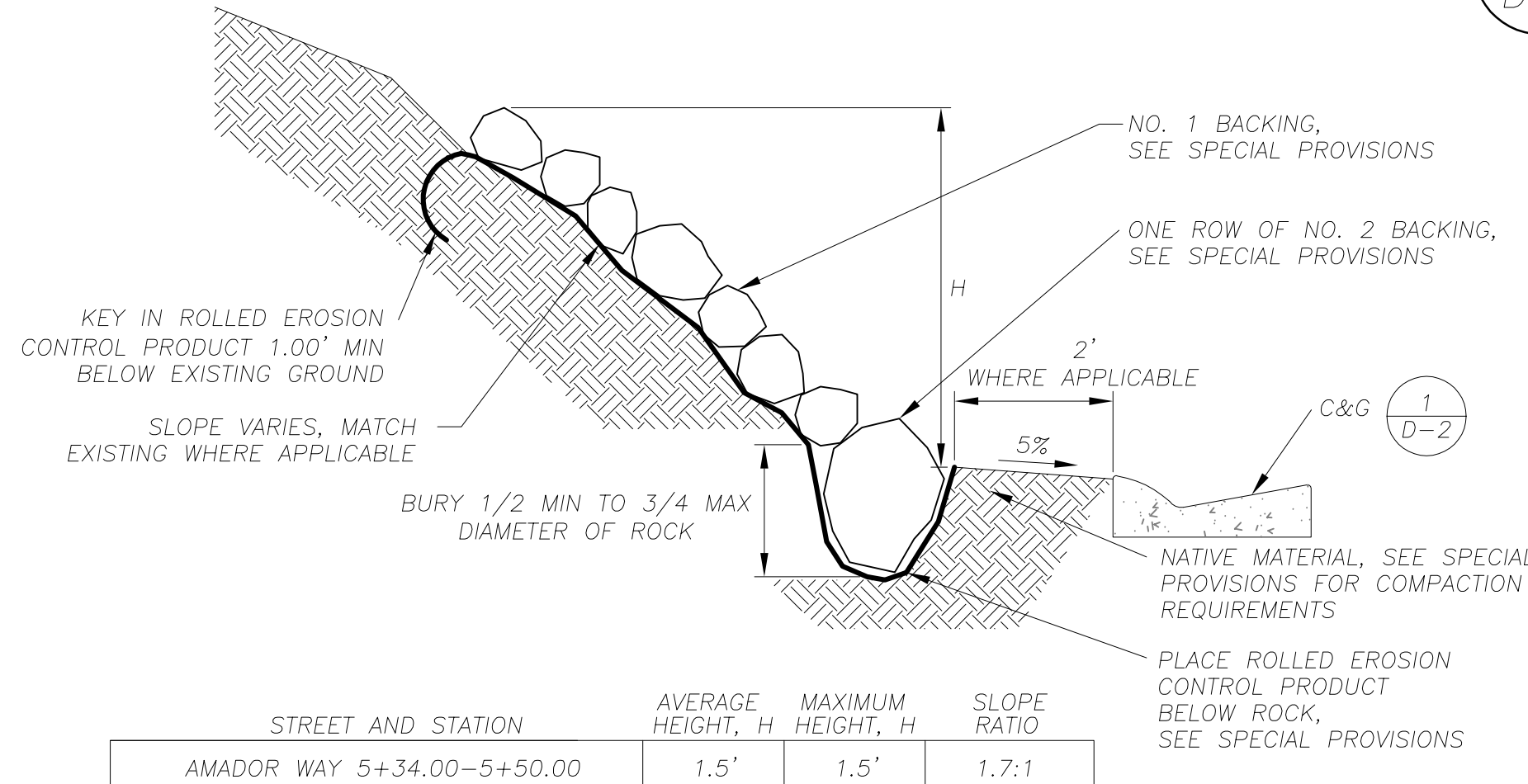


PLAN SHEET	STREET AND STATION	LF	TOP WIDTH, W	BOTTOM WIDTH, X	DEPTH, H	SLOPE RATIO, R
P-04	COLD CREEK TRAIL	18	VARIABLES 1.0'-10.0'	1.0'	VARIABLES 0.2'-2.0'	2:1
P-06	ALICE LAKE BASIN BYPASS 1+13.54	32	VARIABLES 1.1'-10.0'	0.5'	VARIABLES 0.2'-2.4'	2:1
P-08	TALBOT CHANNEL 20+50.00	89	VARIABLES 3.8'-9.5'	1.0'	VARIABLES 0.3'-1.8'	2:1
P-08	TALBOT BYPASS 40+11.72	104	VARIABLES 10.0'-12.0'	VARIABLES 0.0'-3.5'	VARIABLES 0.5'-1.3'	2:1

- NOTES:
- "H" DEPICTS MIN REQ'D HEIGHT OF CHANNEL. FINISHED TOP WIDTH AND SIDE SLOPE HEIGHT MAY VARY DEPENDING ON EXISTING TERRAIN AND THE NEED TO MAINTAIN A 2' SHOULDER AT ROADWAYS. SEE PLANS AND CROSS SECTION SHEETS FOR GRADING LIMITS.
  - DIMENSIONS SPECIFIED ARE TO BE MEASURED FROM TOP OF 1" SOD.
  - SEE SPECIAL PROVISIONS FOR OVEREXCAVATION, TOPSOIL MIX, AND COMPACTION REQUIREMENTS.

**BLANKET LINED CHANNEL**

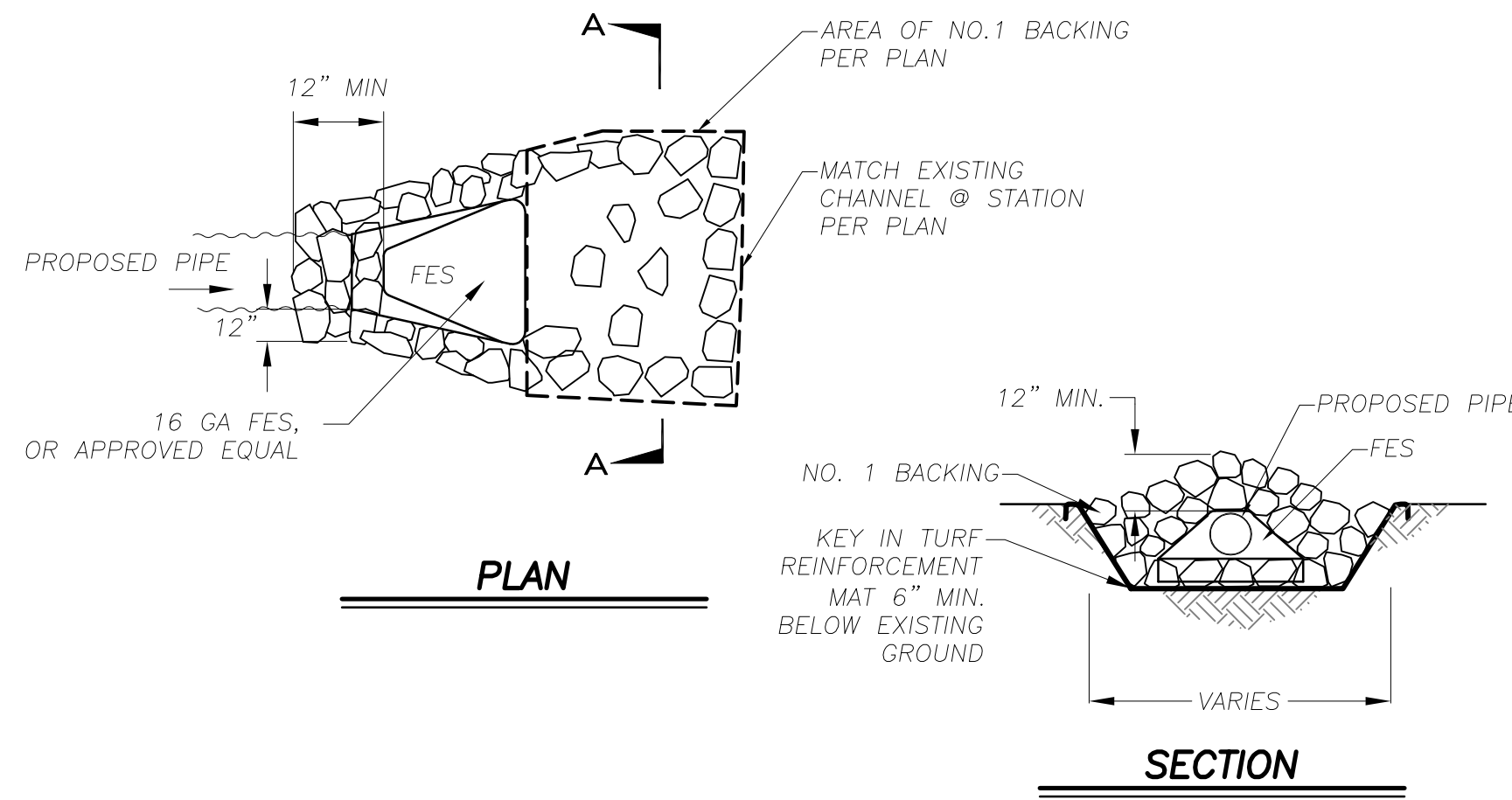
2  
D-1



STREET AND STATION	AVERAGE HEIGHT, H	MAXIMUM HEIGHT, H	SLOPE RATIO
AMADOR WAY 5+34.00-5+50.00	1.5'	1.5'	1.7:1

**ROCK SLOPE PROTECTION W/ NO.1 BACKING**

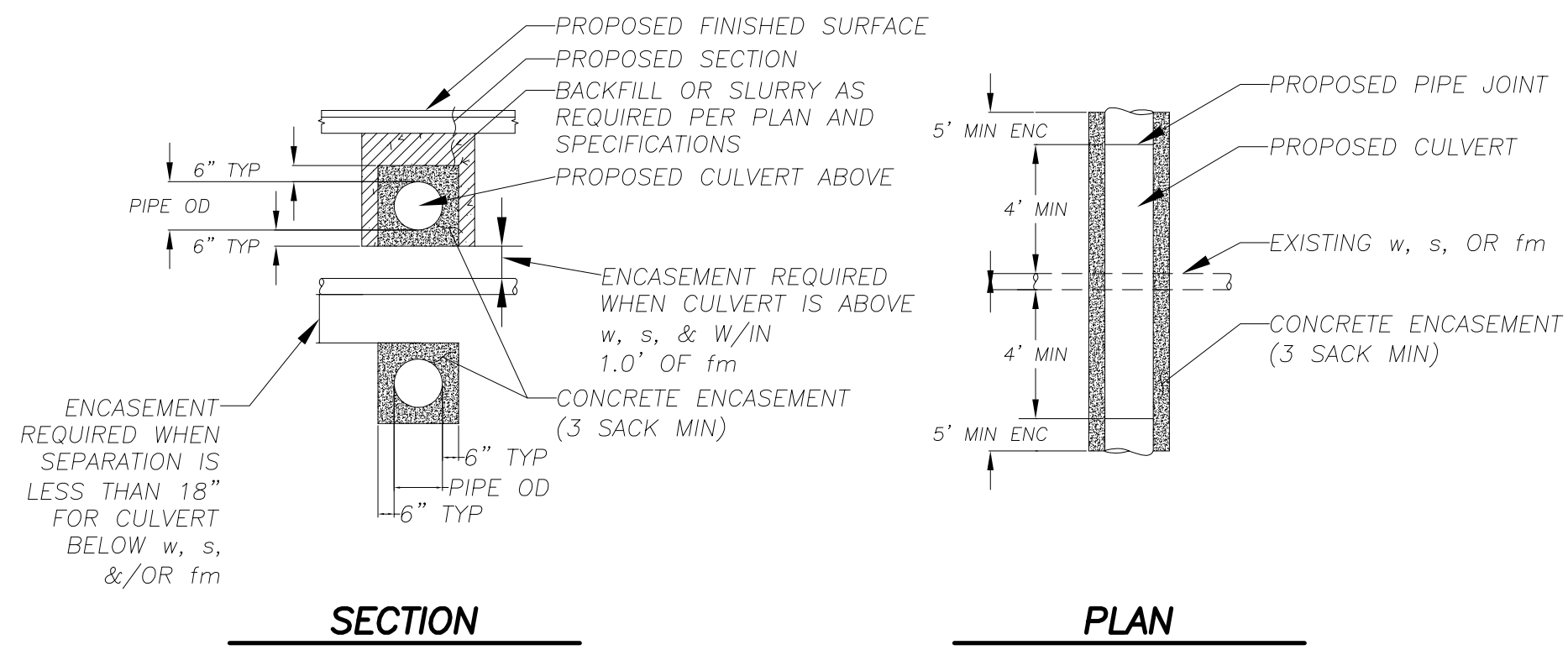
3  
D-1



- NOTES:
- ALL FES SHALL BE GALVANIZED.
  - SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.

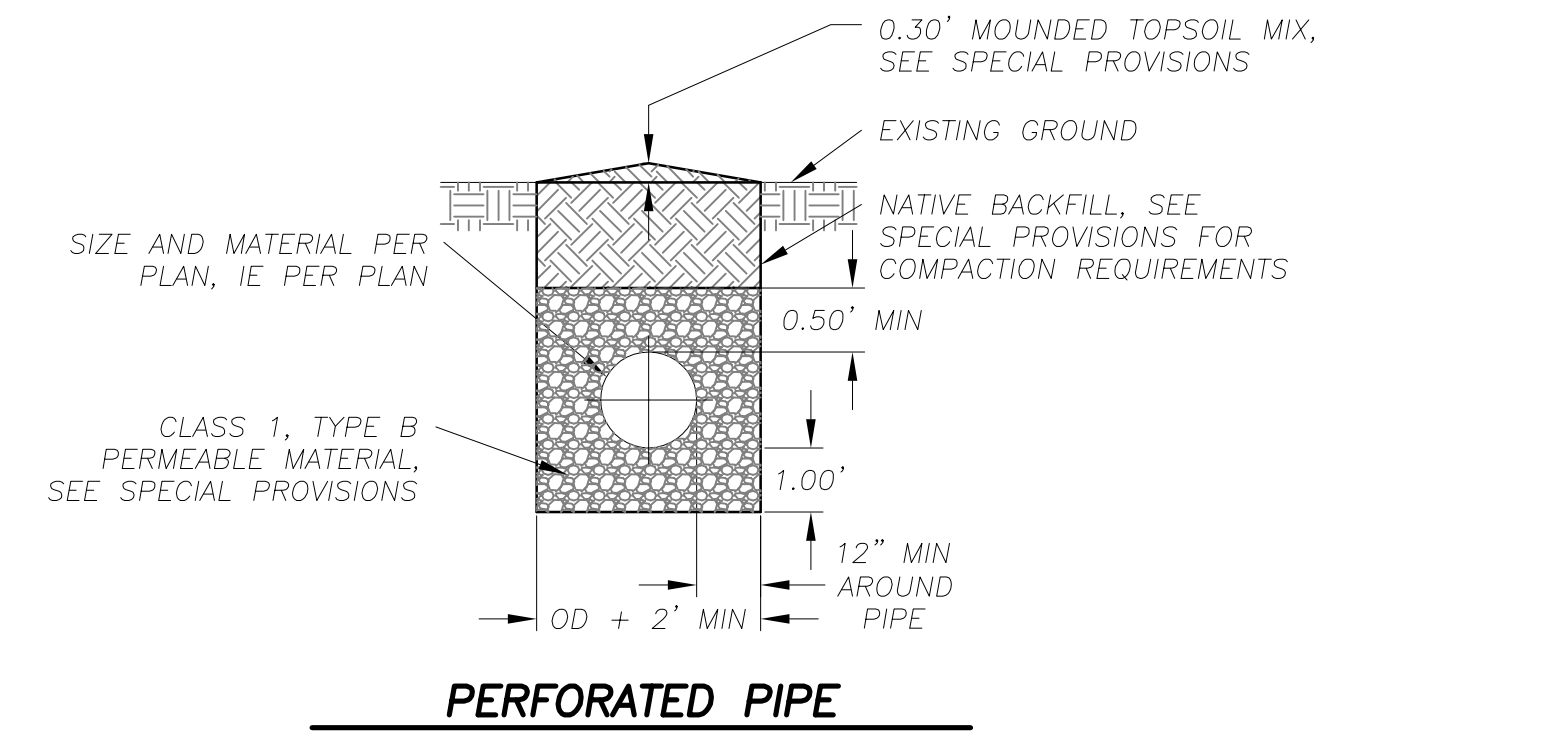
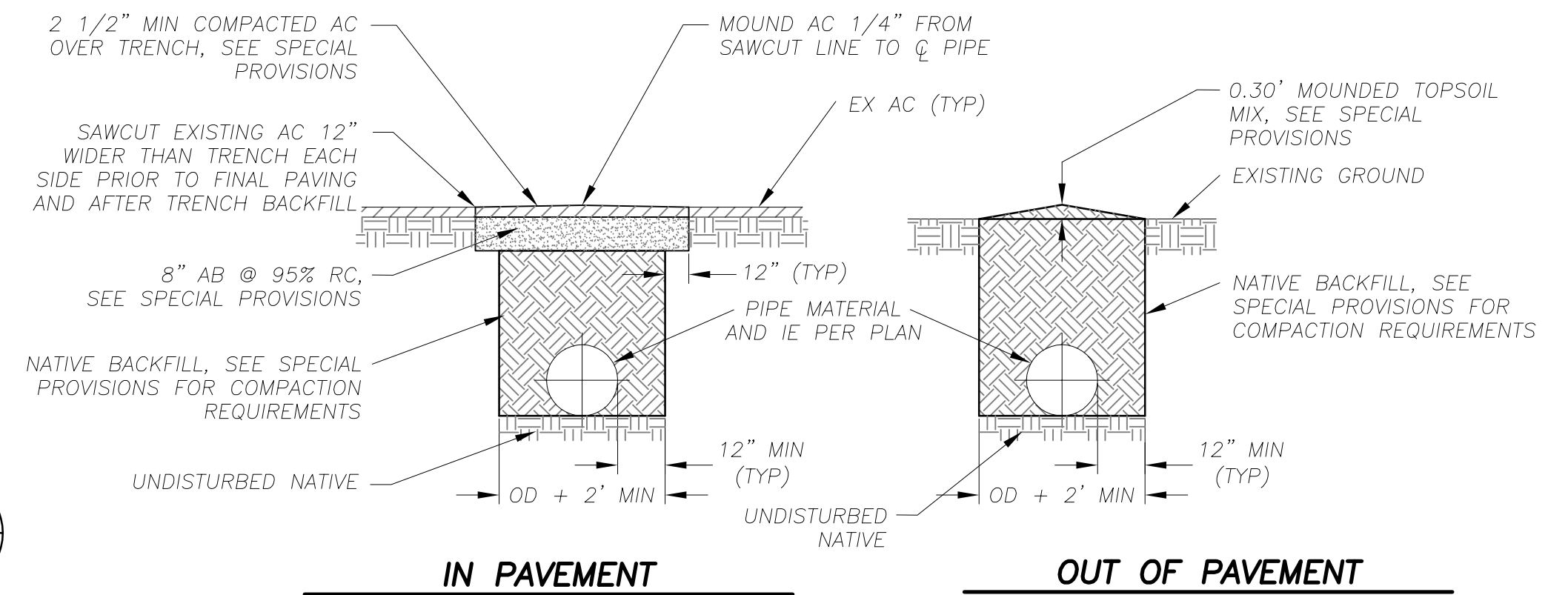
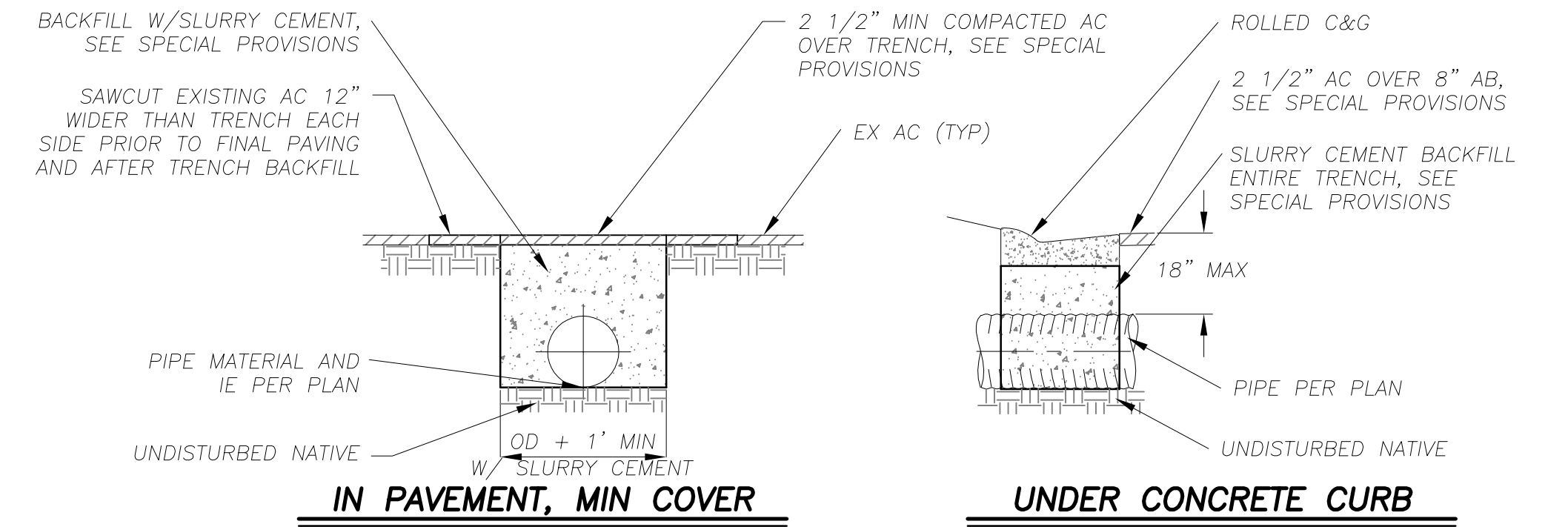
**FLARED END SECTION W/ NO.1 BACKING**

4  
D-1



**CONCRETE ENCASEMENT**

5  
D-1

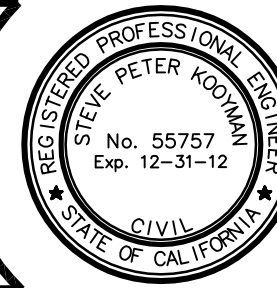


- NOTES:
- FOR COMPACTION REQUIREMENTS SEE SPECIAL PROVISIONS.
  - SEE SPECIAL PROVISIONS FOR LOCATIONS WHERE PIPE TRENCH BACKFILL SHALL BE SLURRY CEMENT.
  - ASTM D 2321

**PIPE TRENCH**

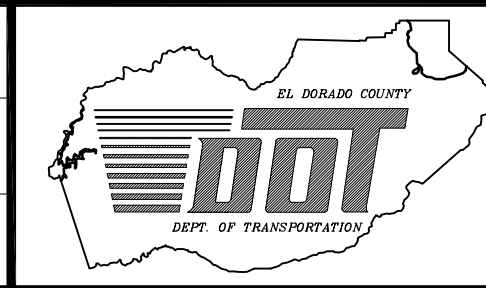
6  
D-1

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
 [Signature]  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/16/2012

DESIGNED: DWK  
 DRAWN: CAD  
 CHECKED: DSP  
 DATE: 12/2011  
 ROAD NUMBER:



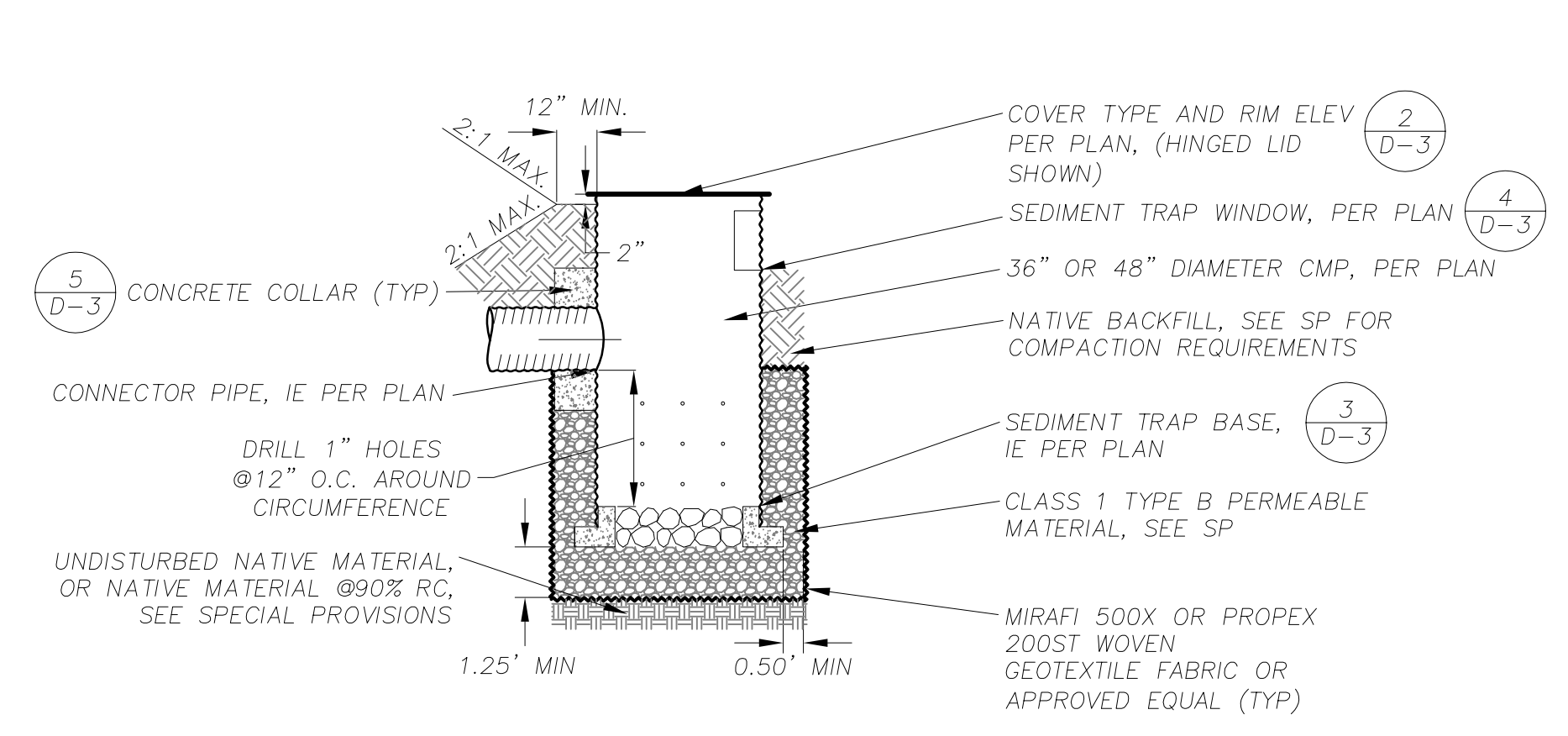
**EL DORADO COUNTY**  
 DEPARTMENT OF TRANSPORTATION

**MONTGOMERY ESTATES AREA 1B**  
 DETAILS

SHEET  
**D-1**  
 18 OF 28  
 CONTRACT NO.  
**PW 11-30603**  
 CIP No.  
**05193**

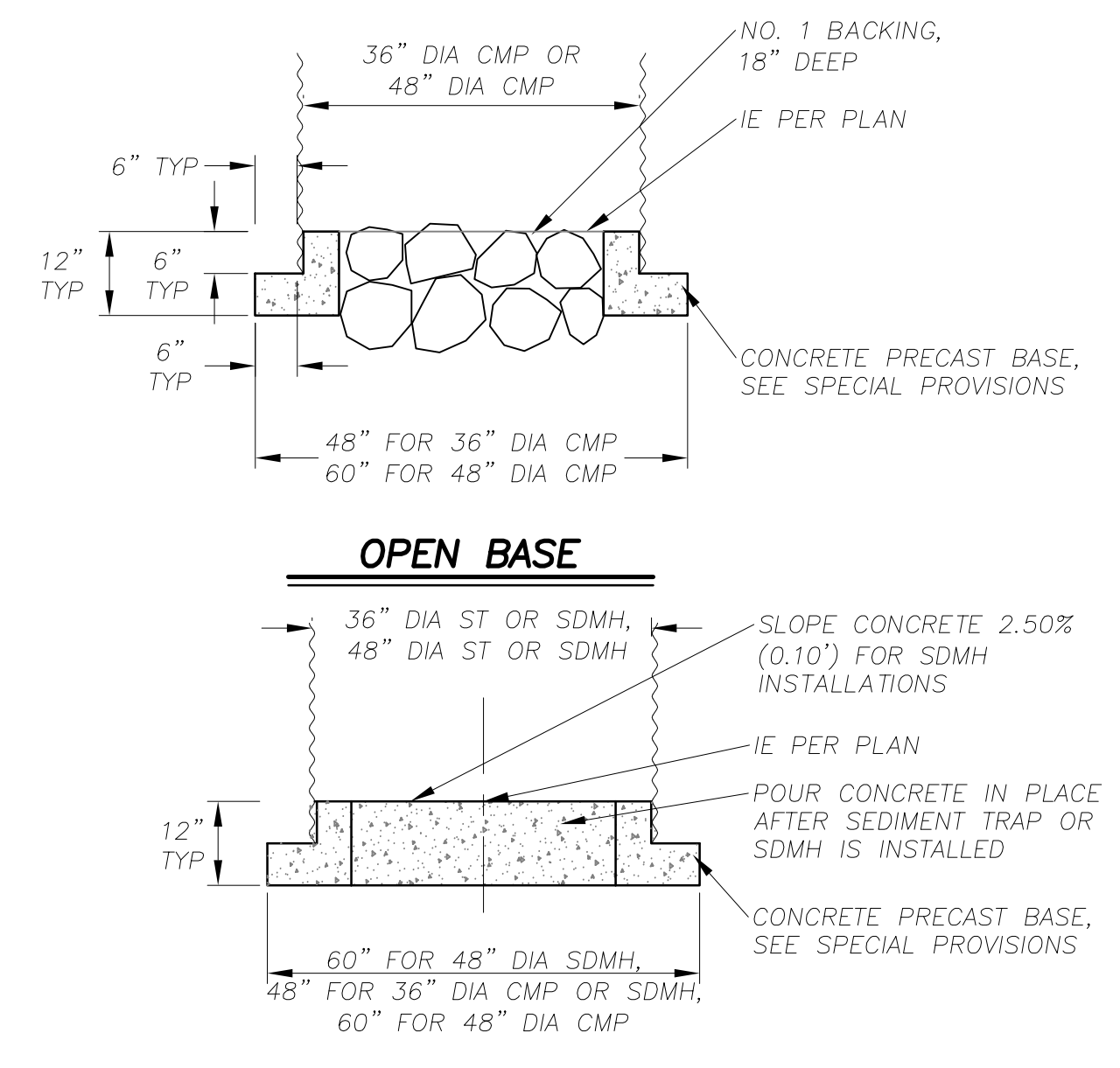


FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES  
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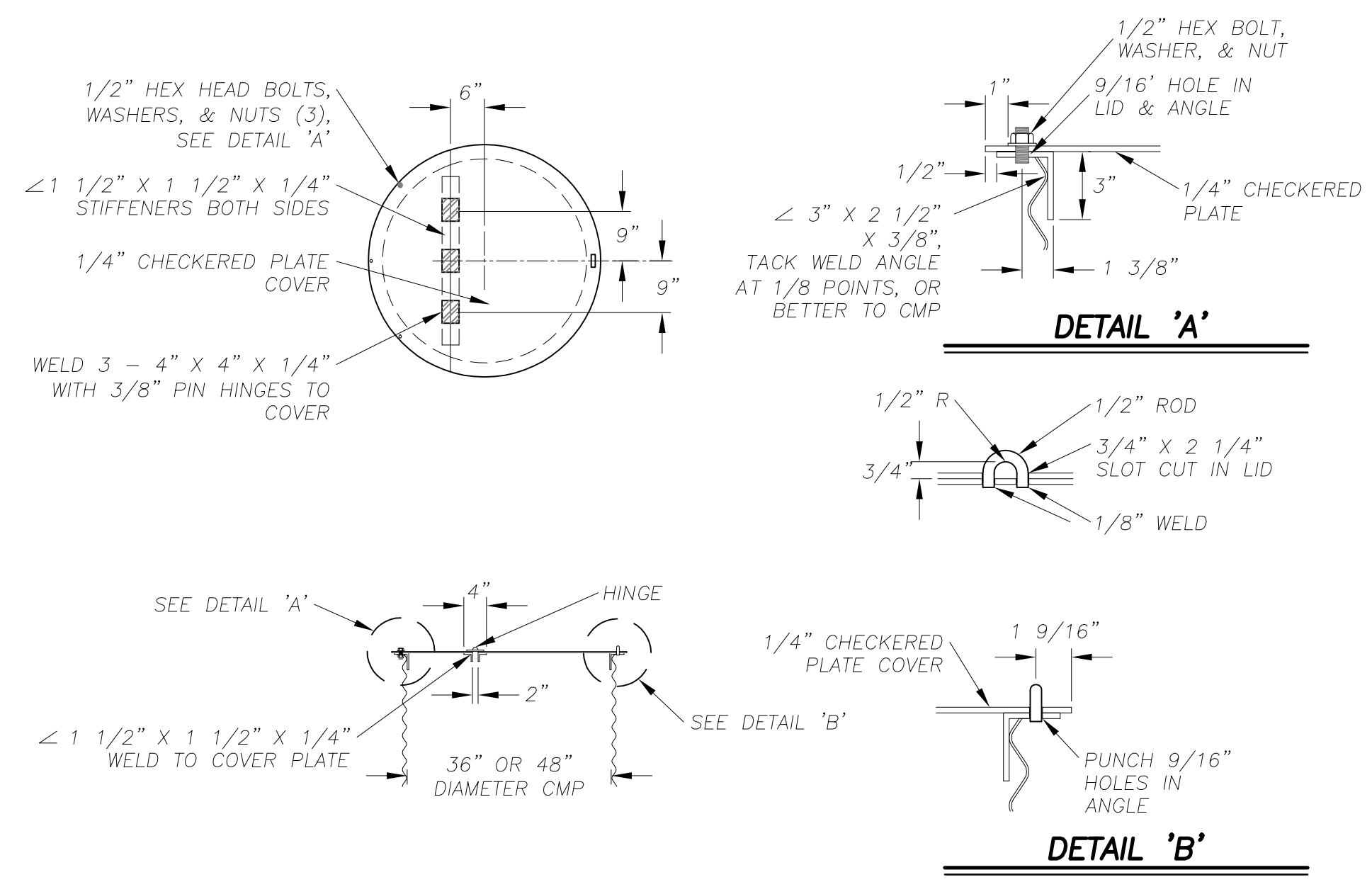
NOTE: SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.

**SEDIMENT TRAP**  
 NTS 1 D-3

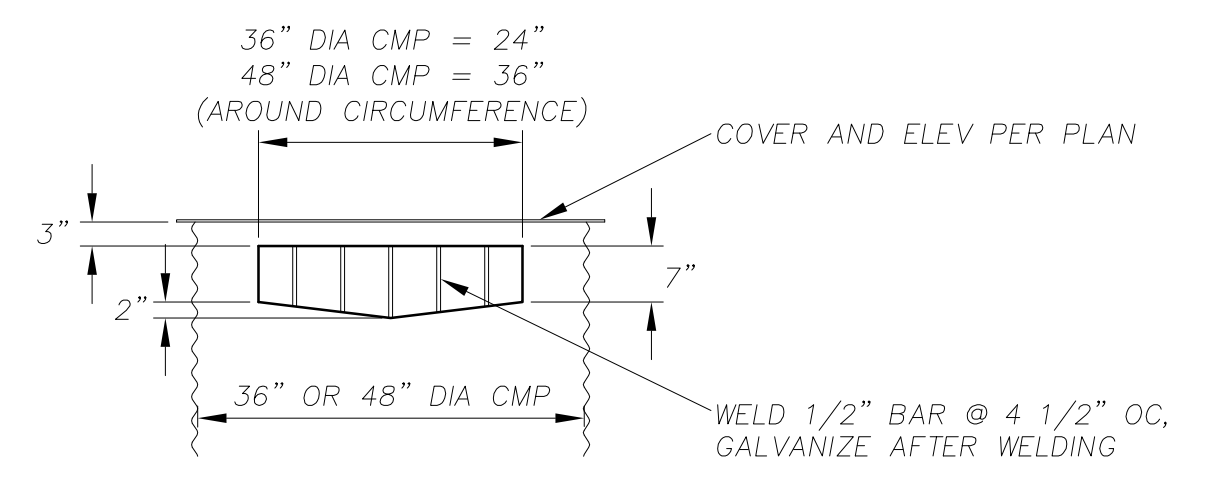


NOTES:  
 1. SEE SPECIAL PROVISIONS FOR CONCRETE SPECIFICATIONS.  
 2. SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.

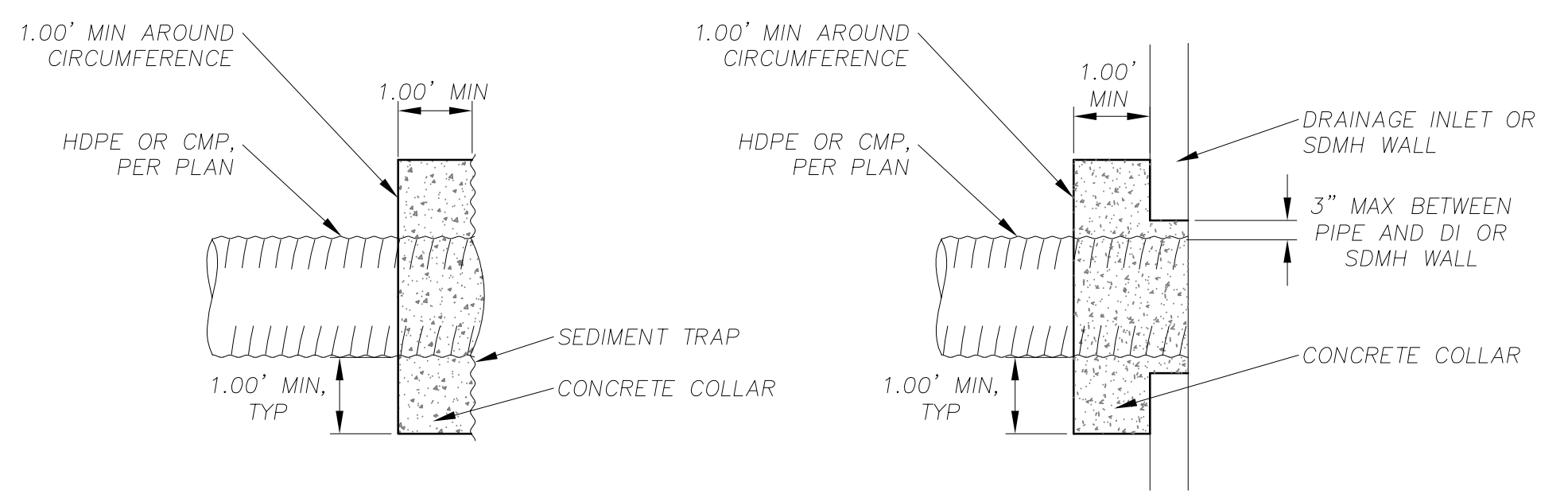
**ST & STORM DRAIN MANHOLE BASES**  
 NTS 3 D-3



**HINGED LID**  
 NTS 2 D-3



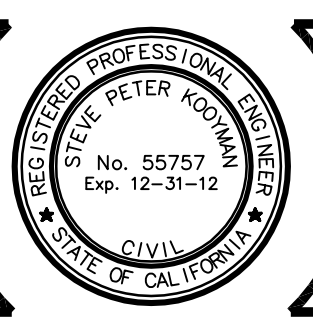
**SEDIMENT TRAP WINDOW**  
 NTS 4 D-3



NOTE: SEE SPECIAL PROVISIONS FOR CONCRETE SPECIFICATIONS.

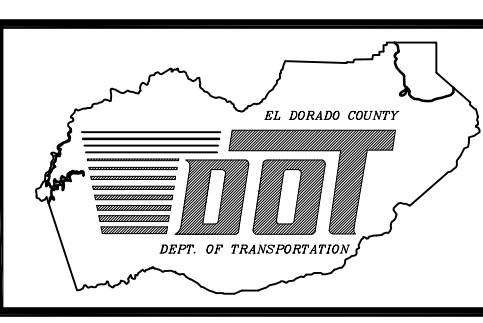
**CONCRETE COLLAR**  
 NTS 5 D-3

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/16/2012

DESIGNED: DWK  
 DRAWN: CAD  
 CHECKED: DSP  
 DATE: 12/2011  
 ROAD NUMBER:



**EL DORADO COUNTY**  
 DEPARTMENT OF TRANSPORTATION

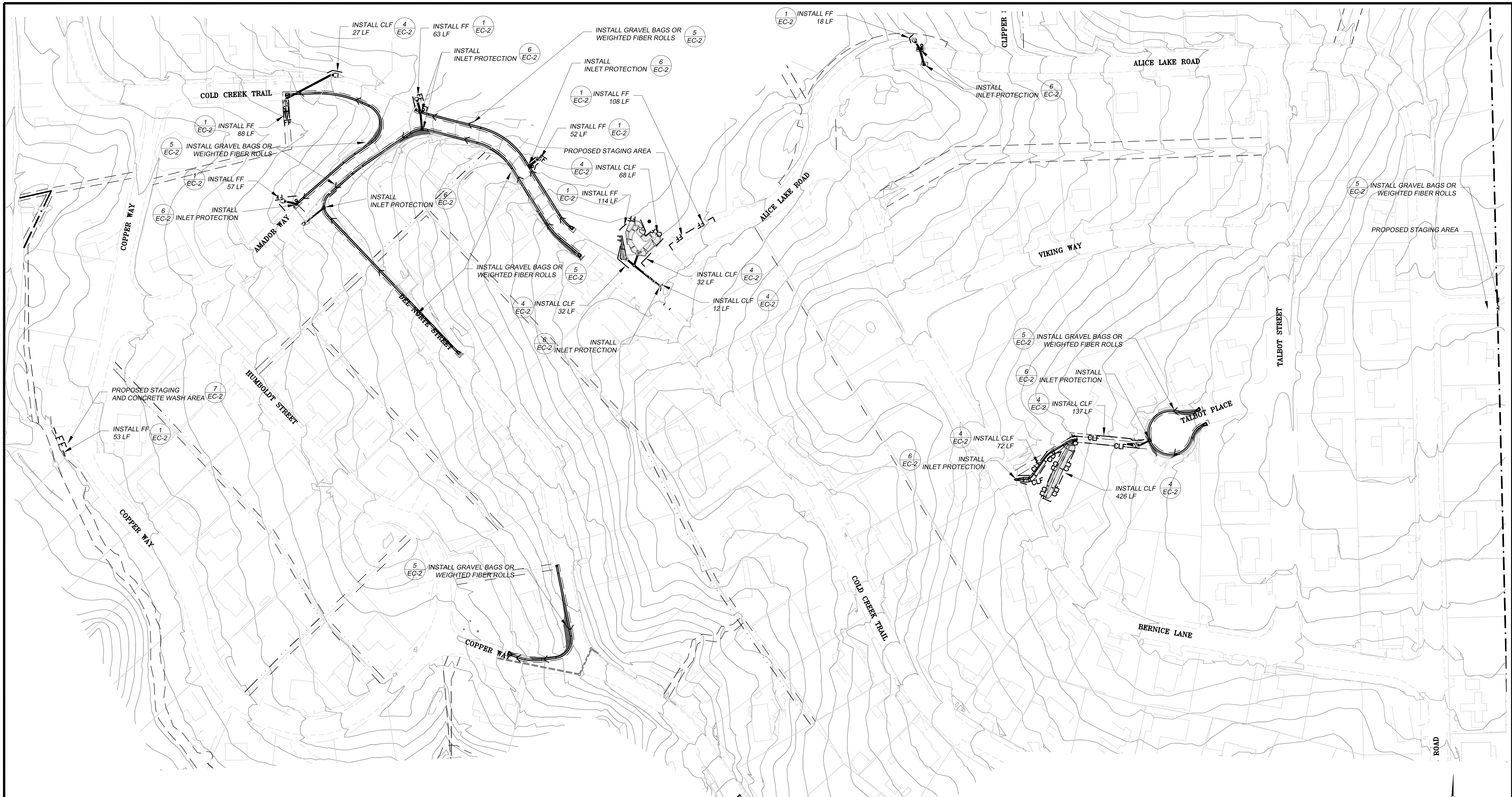
**MONTGOMERY ESTATES AREA 1B**  
 DETAILS

SHEET  
**D-3**  
 20 of 28  
 CONTRACT NO.  
**PW 11-30603**  
 CIP No.  
**05103**

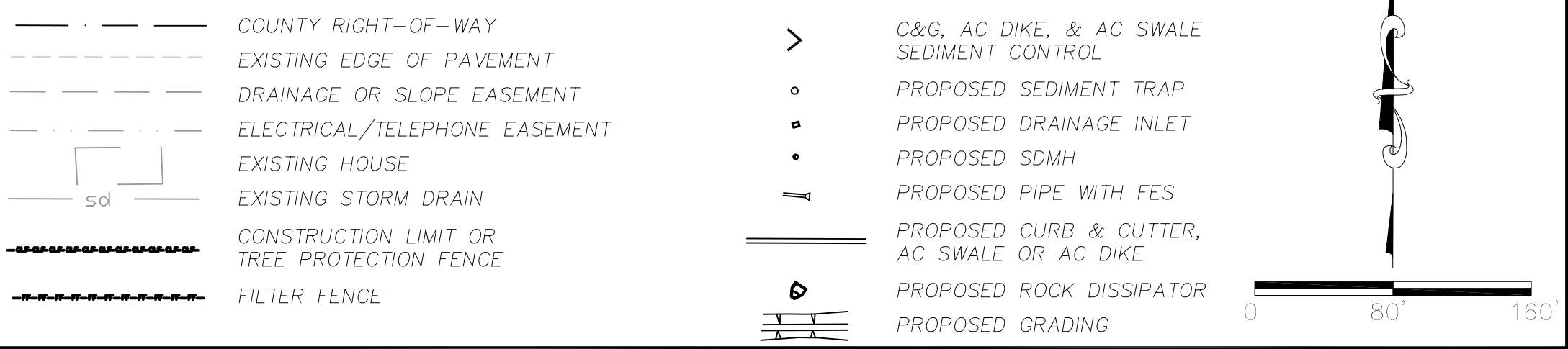




FOR REDUCED PLANS  
2 ORIGINAL SCALE IS IN INCHES  
Drawing name: S:\CIVIL\_3D PROJECTS\95105\Engineering\WPL\AL\_1B\WE\_1B\_EC\_1.dwg



- NOTES:
- WOODEN TREE TRUNK PROTECTION TO BE PER DETAIL AND/OR AS DETERMINED IN THE FIELD.
  - ALL AMOUNTS SHOWN IN BID SCHEDULE ARE ESTIMATES ONLY. CONTRACTOR SHALL MAKE ALL NECESSARY CHANGES TO THE TEMPORARY EROSION CONTROL PLAN WITH HIS/HER SUBMITTAL IN ORDER TO COMPLY WITH TRPA AND LAHONTAN SWPPP REQUIREMENTS
  - CONTRACTOR WILL BE PAID FOR ACTUAL QUANTITIES OR TEMPORARY EROSION CONTROL DEVICES INSTALLED AND SATISFACTORILY MAINTAINED.
  - A FINE OF \$100/DAY WILL BE LEVIED AGAINST THE CONTRACTOR FOR EACH DAY CONTRACTOR DELAYS IN RESPONDING TO ENGINEER'S REQUEST TO INSTALL NEW TEMPORARY EROSION CONTROL DEVICES AND OR MAINTAIN EXISTING TEMPORARY EROSION CONTROL DEVICES.
  - TEMPORARY EROSION CONTROL DEVICES FOR DEWATERING LOCATIONS ARE NOT SHOWN. THE QUANTITIES AND PAYMENT FOR THE TEMPORARY EROSION CONTROL IN THESE AREAS ARE INCLUDED IN THE RESPECTIVE BID ITEMS FOR DEWATERING. CONTRACTOR SHALL INCLUDE IN CONTRACTOR'S DEWATERING AND DIVERSION PLANS THE LOCATION AND TYPES OF TEMPORARY EROSION CONTROL DEVICES THAT ARE PROPOSED FOR USE.

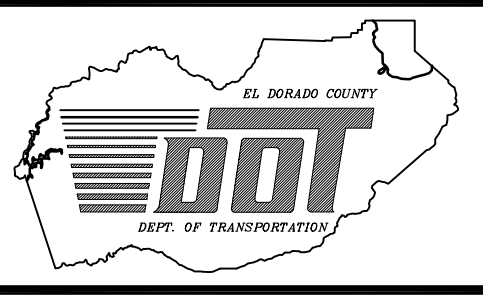


REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/16/2012

DESIGNED: DWK  
 DRAWN: CAD  
 CHECKED: DSP  
 DATE: 12/2011  
 ROAD NUMBER:

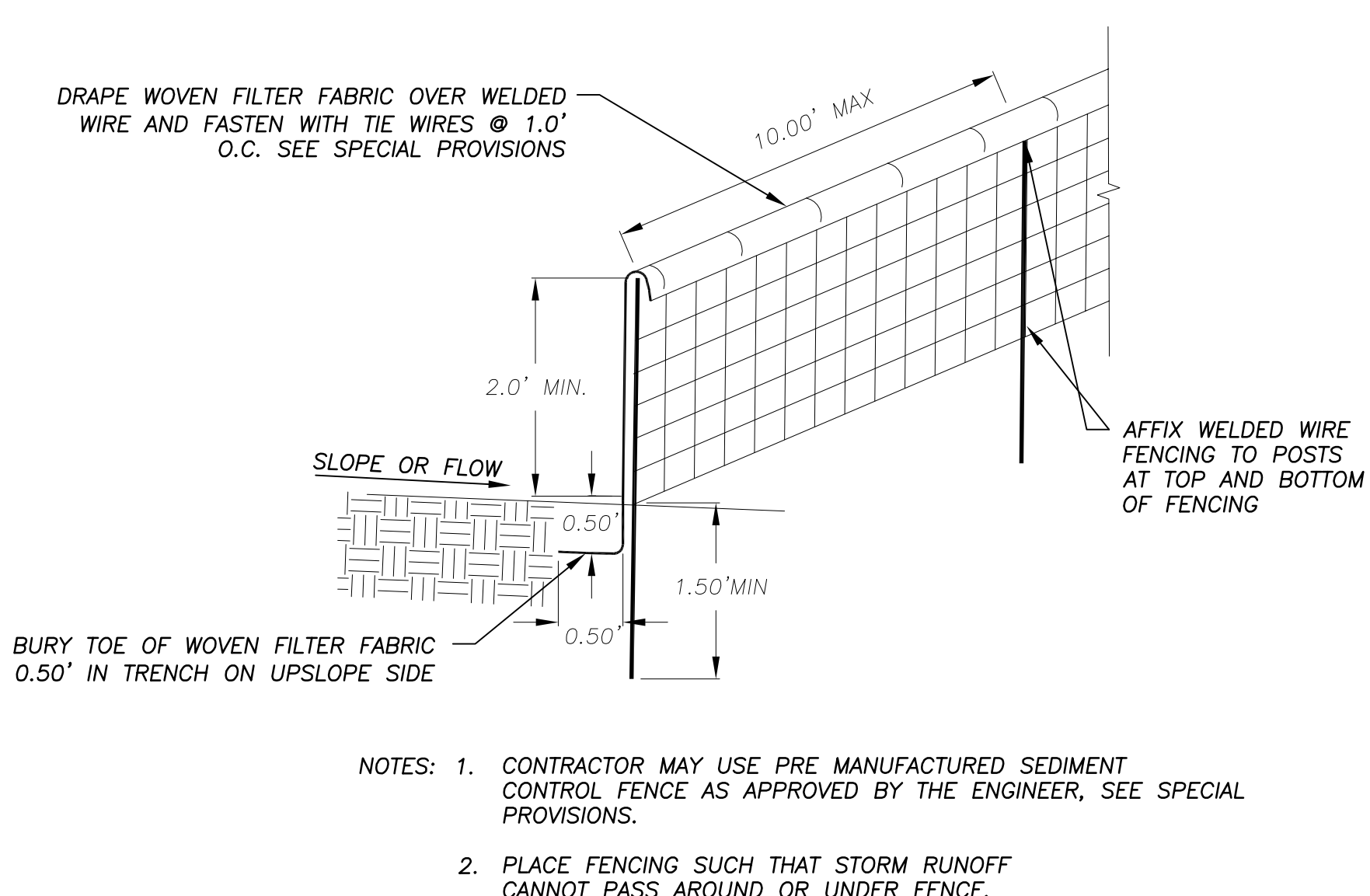


EL DORADO COUNTY  
 DEPARTMENT OF TRANSPORTATION

MONTGOMERY ESTATES AREA 1B  
 TEMPORARY EROSION CONTROL PLAN

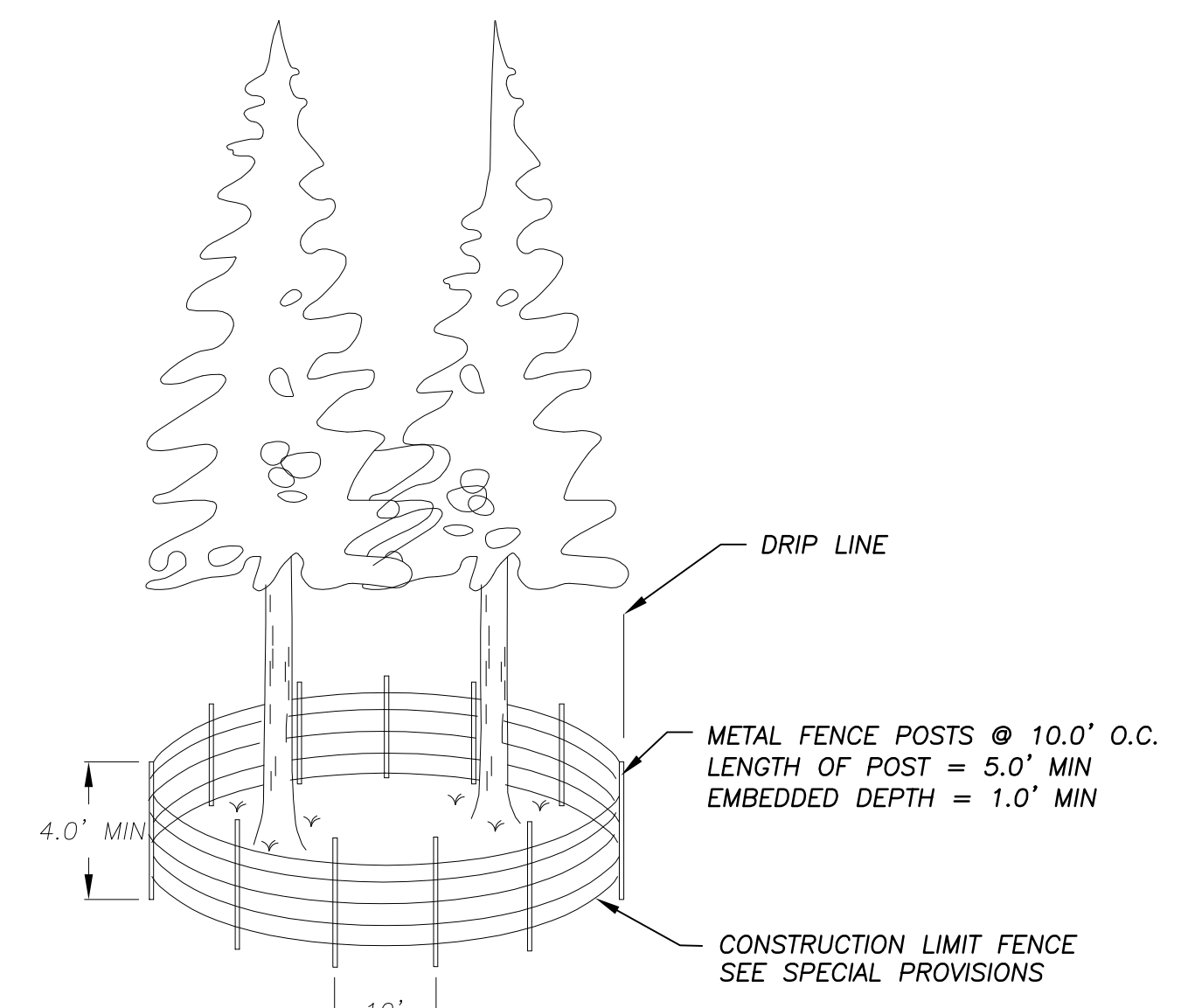
SHEET  
 EC-1  
 23 OF 28  
 CONTRACT NO.  
 PW 11-30603  
 CIP No.  
 06109

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



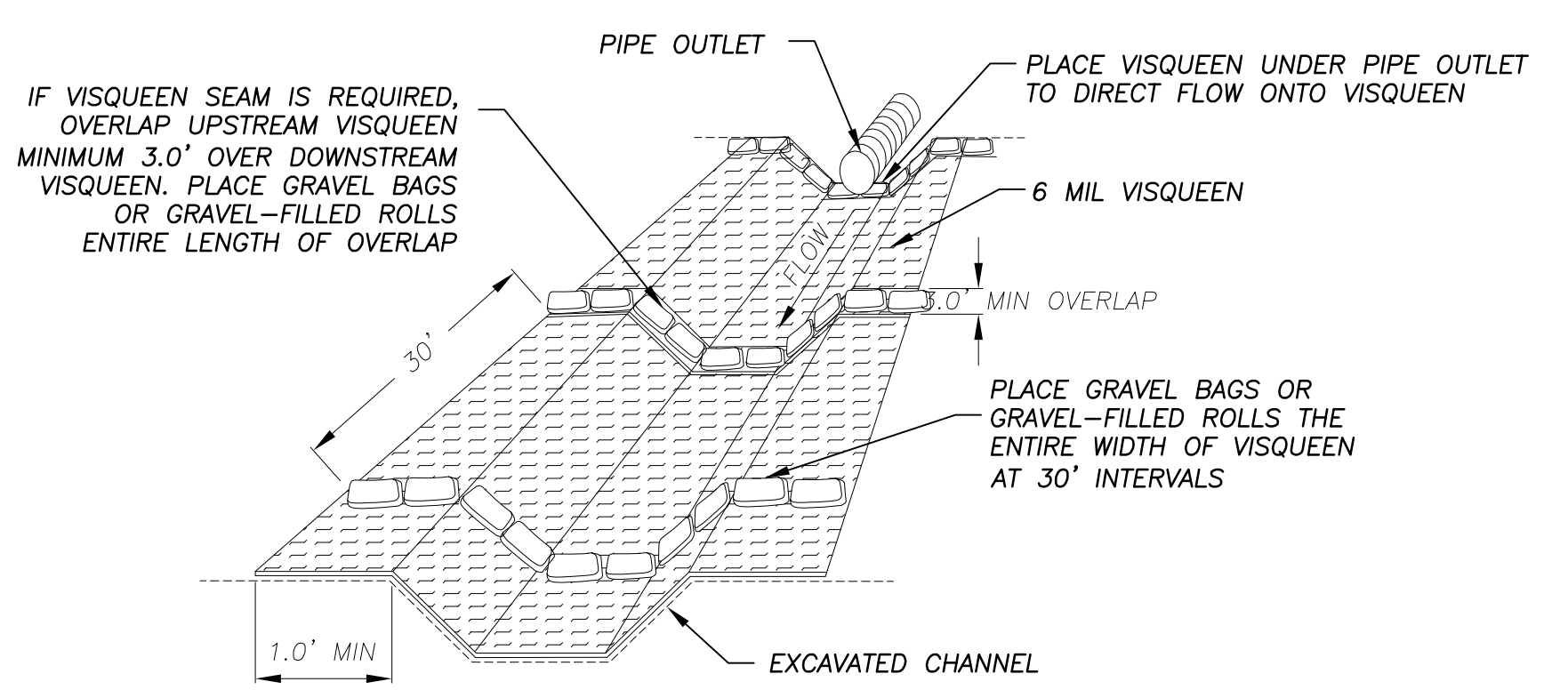
**FILTER FENCE (FF)**

1  
EC-2



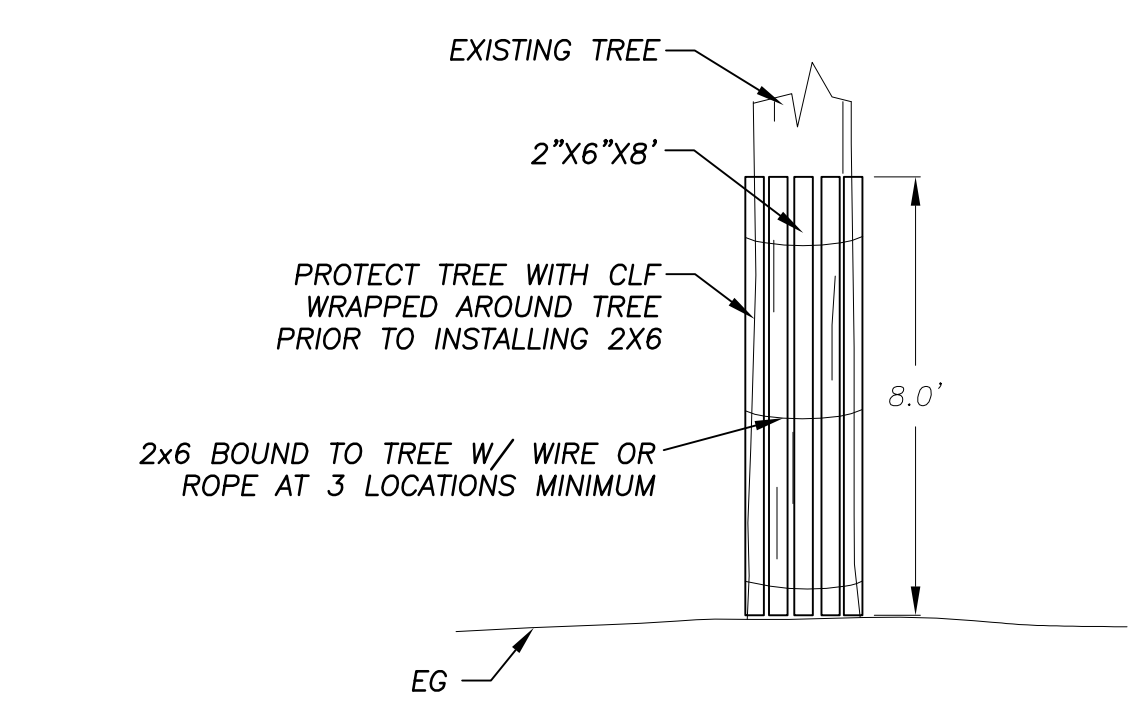
**CONSTRUCTION LIMIT FENCE (CLF)**

4  
EC-2



**VISQUEEN WITH GRAVEL BAGS OR GRAVEL-FILLED ROLLS**

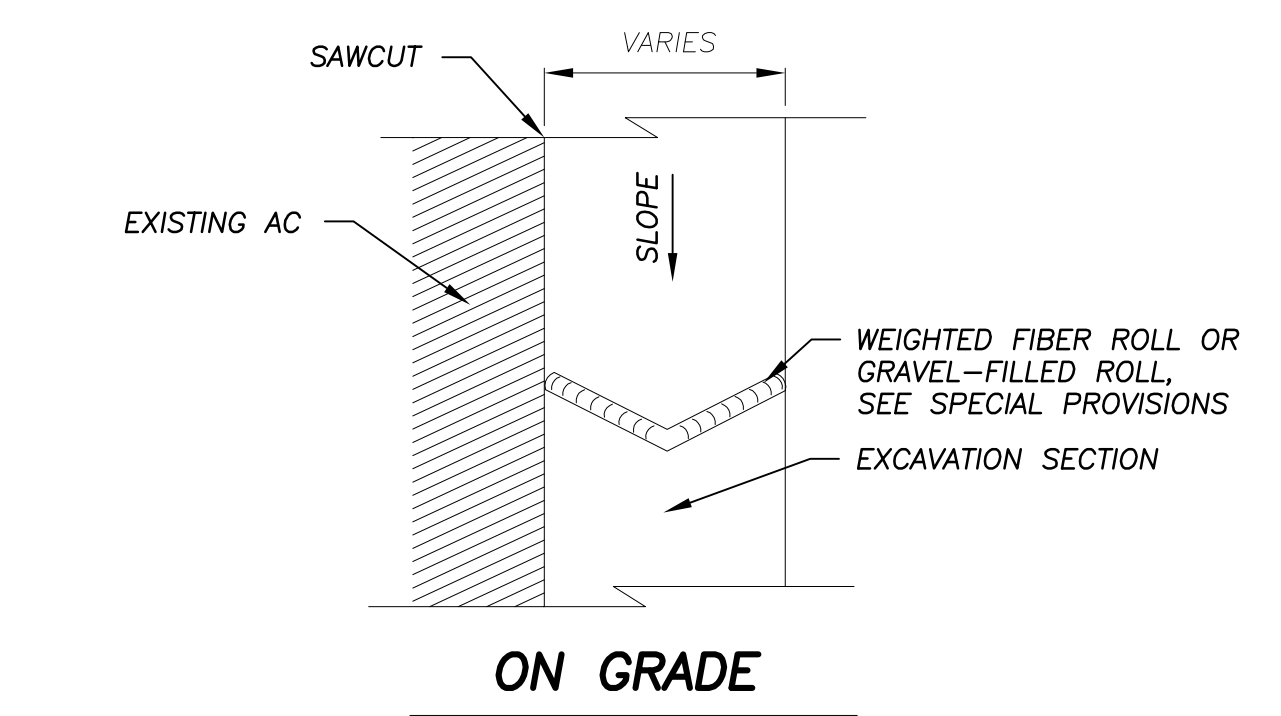
2  
EC-2



**WOODEN TREE TRUNK PROTECTION**

3  
EC-2

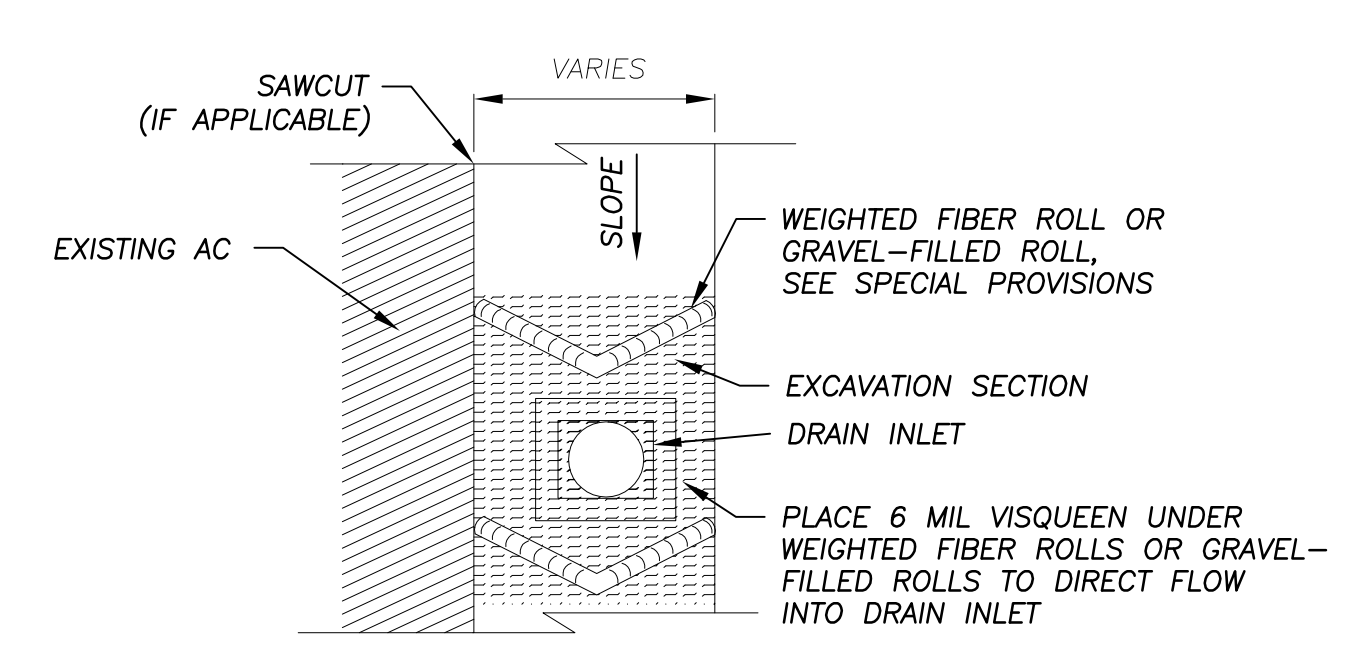
NOTE: DETAIL ABOVE IS TYPICAL FOR SOME DRIPLINE LOCATIONS, CONSTRUCTION LIMIT FENCE SHALL BE STAKED IN THE FIELD BY ENGINEER.



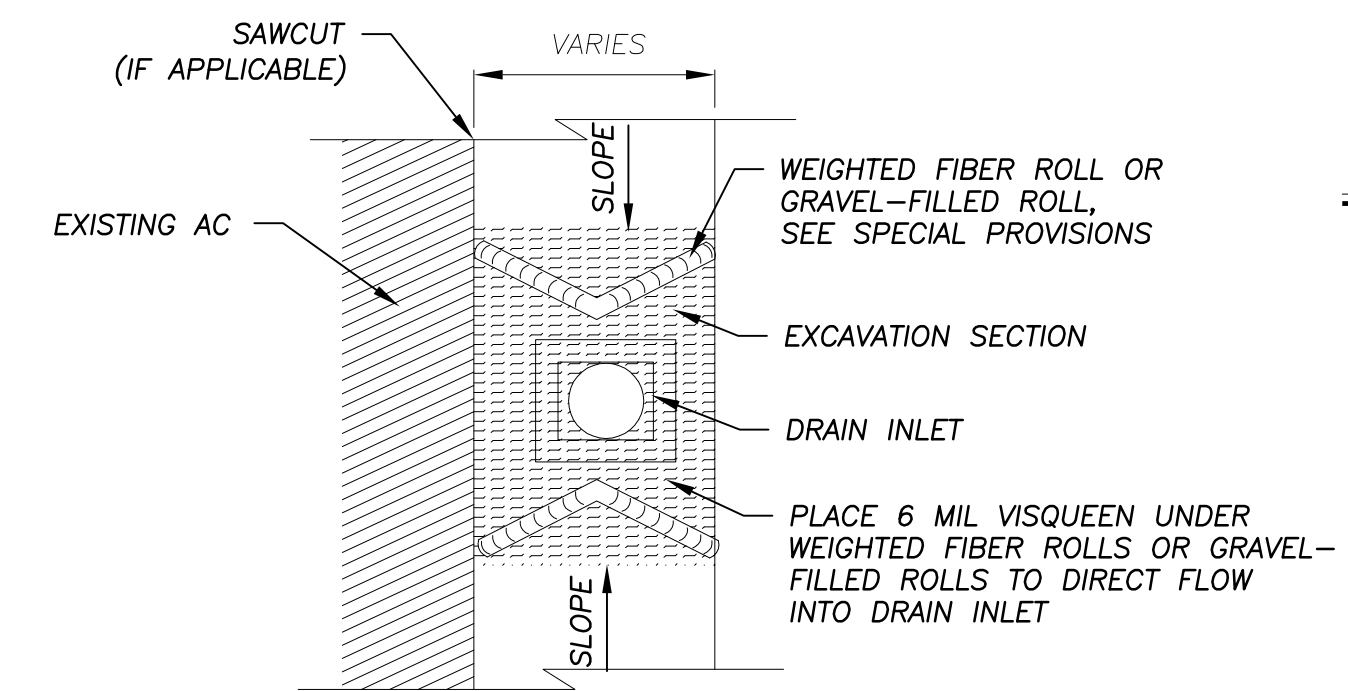
**WEIGHTED FIBER ROLLS OR GRAVEL-FILLED ROLLS**

5  
EC-2

GENERAL NOTES:  
1. SEE SPECIAL PROVISIONS FOR SPECIFICATIONS REGARDING FILTER FABRIC, GRAVEL BAGS, GRAVEL-FILLED ROLLS, RICE STRAW FIBER ROLLS, AND FENCE POSTS.  
2. DIMENSION LIMITS OF FILTER FENCE AND CONSTRUCTION LIMIT FENCE DOES NOT INCLUDE MINIMUM LIMITS FOR TREE PROTECTION. TREE PROTECTION FENCING TO BE PER DETAIL THIS SHEET AND/OR AS STAKED IN THE FIELD.



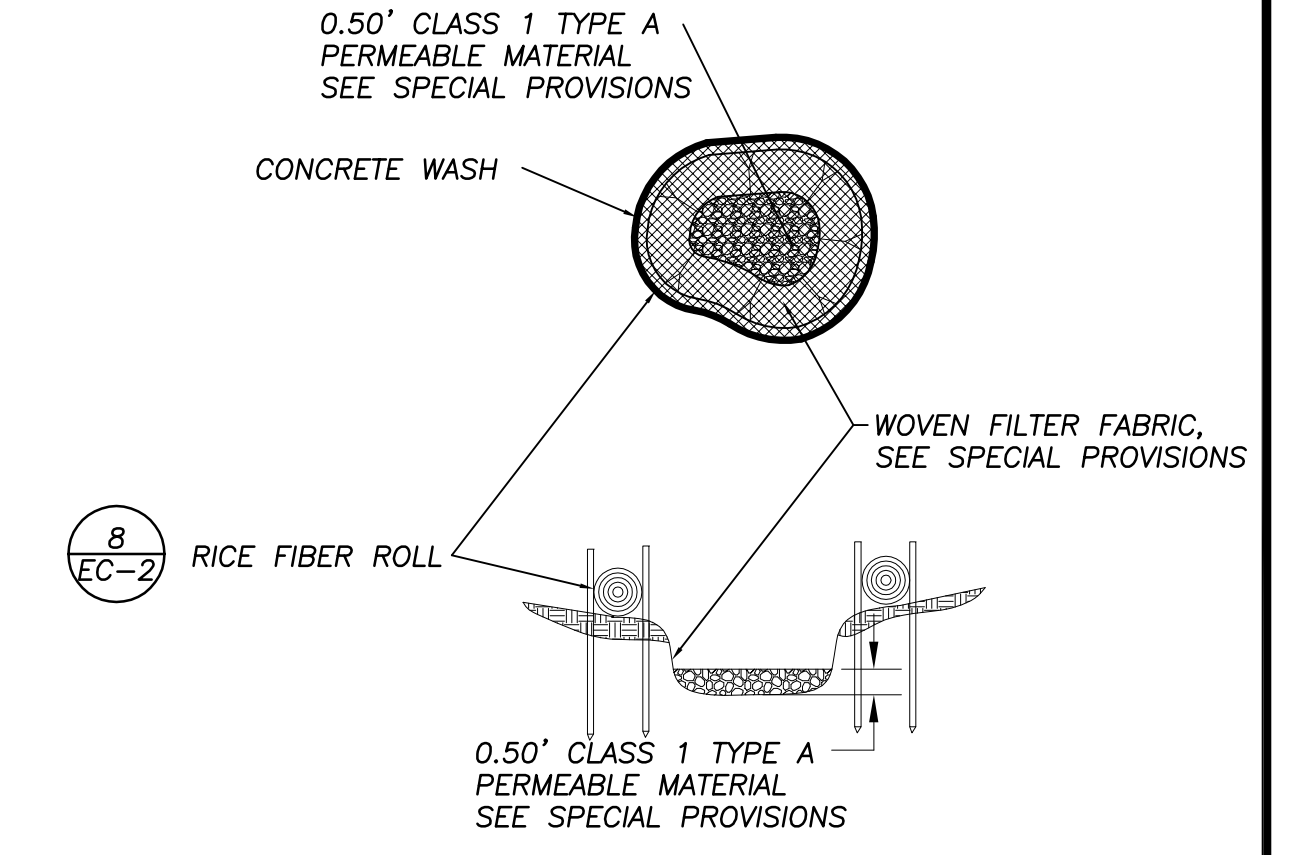
**DRAIN INLET ON GRADE**



**DRAIN INLET @SAG**

**DRAIN INLET PROTECTION**

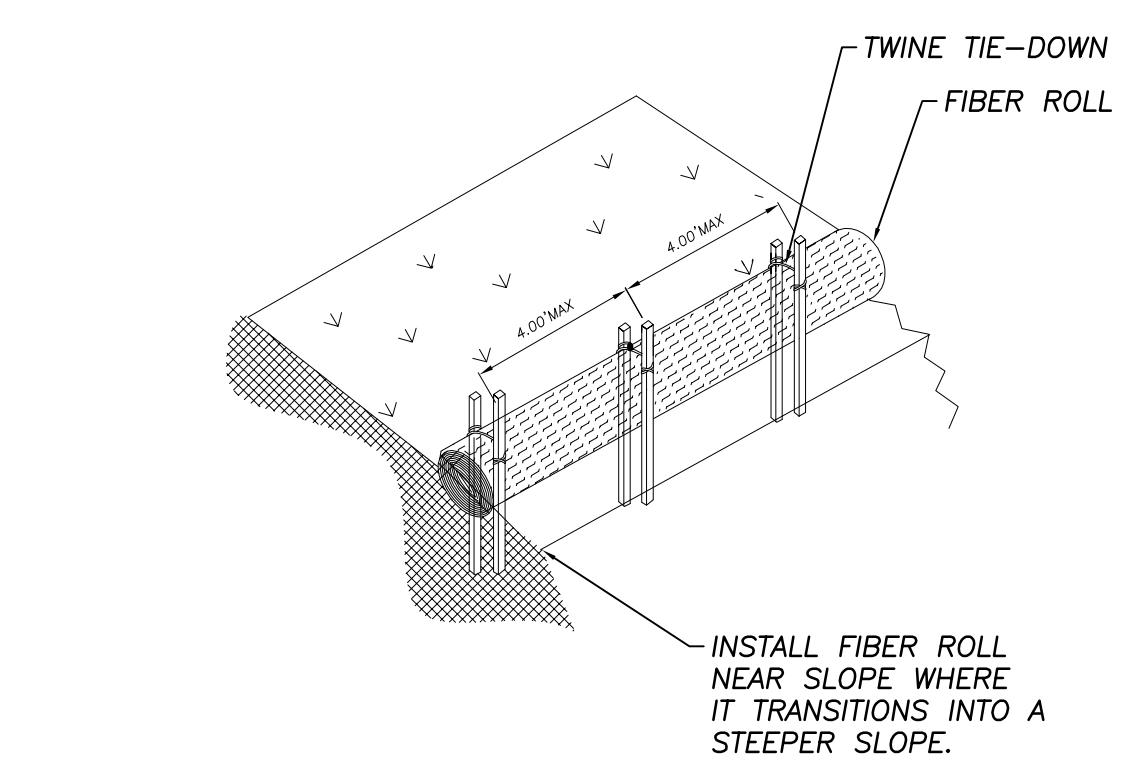
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EC-2



**CONCRETE WASH AREA**

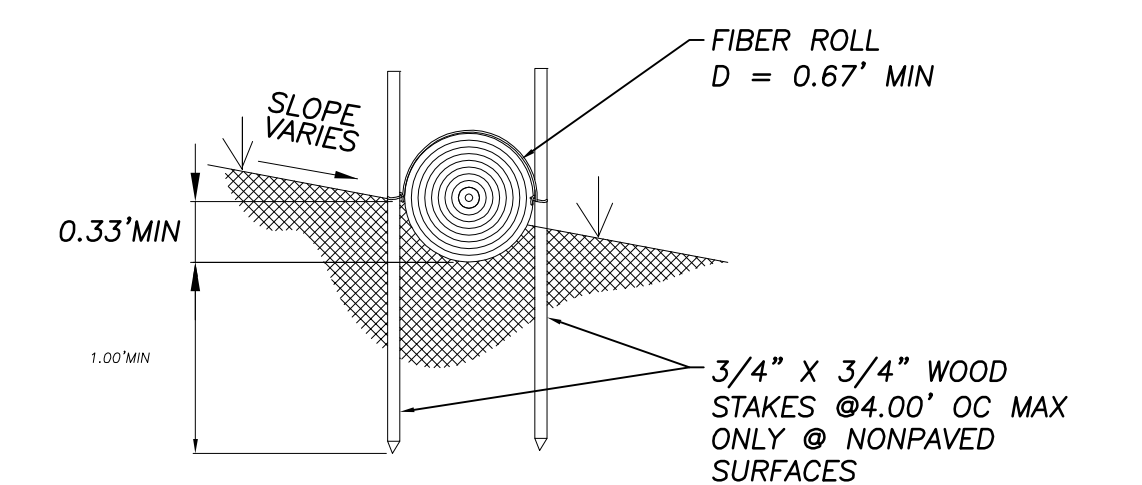
7  
EC-2

NOTE: CONCRETE WASH SHALL BE SIZED FOR WASHING ALL CONCRETE EQUIPMENT W/O OVER TOPPING BASIN.



**RICE STRAW FIBER ROLLS**

8  
EC-2



REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

*Steve Peter*

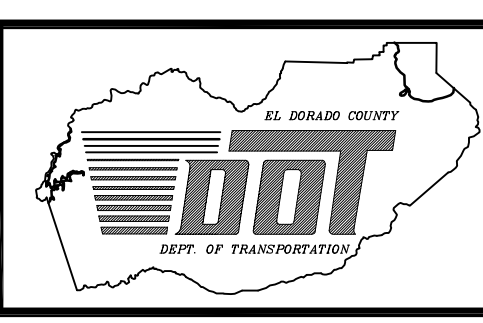
REGISTERED CIVIL ENGINEER

DATE: 3/16/2012

DESIGNED: DWK  
DRAWN: CAD

CHECKED: DSP  
DATE: 12/2011

ROAD NUMBER:



**EL DORADO COUNTY**  
DEPARTMENT OF TRANSPORTATION

**MONTGOMERY ESTATES AREA 1B**  
TEMPORARY EROSION CONTROL DETAILS

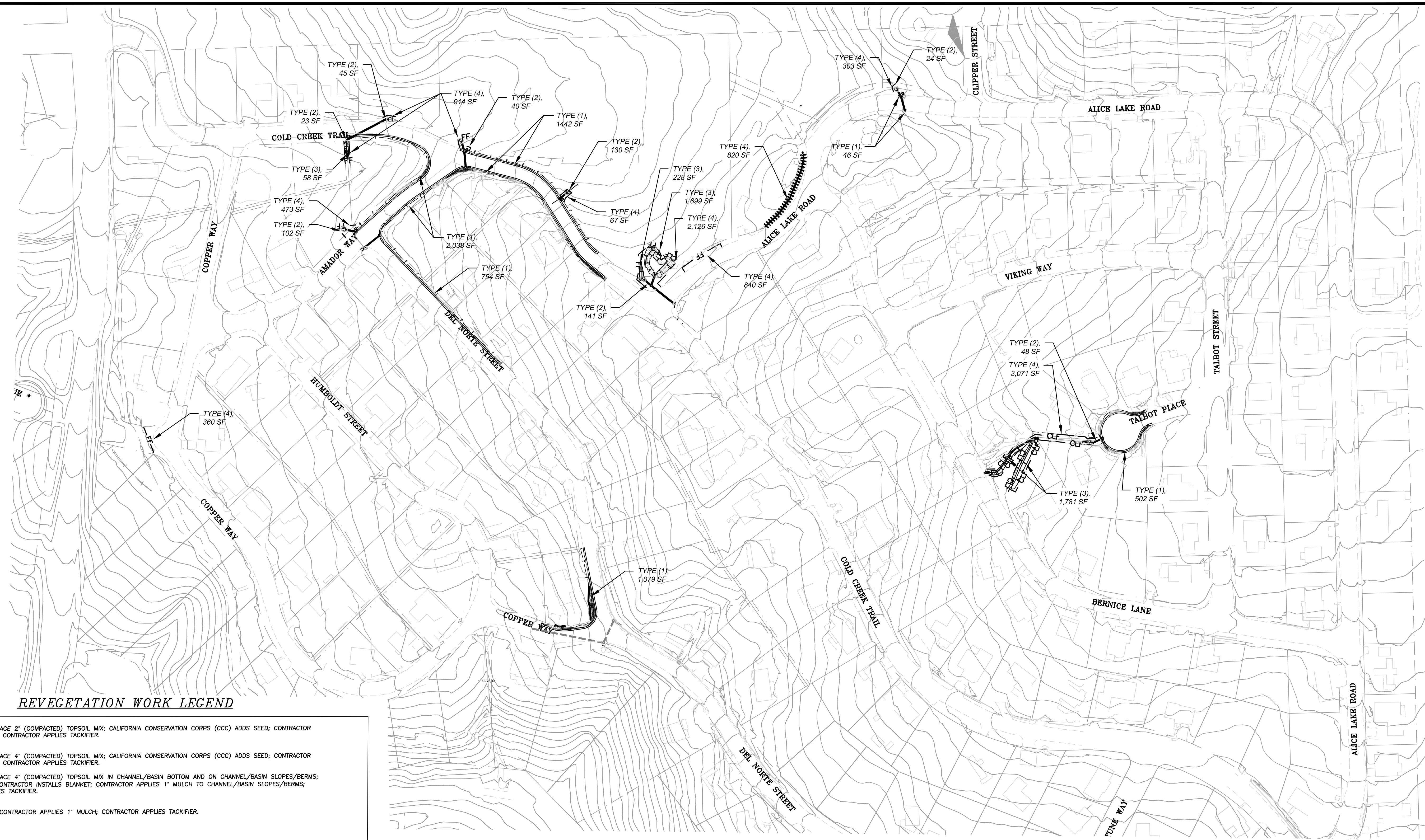
SHEET  
**EC-2**  
24 of 28

CONTRACT NO.  
**PW 11-30603**

DIP No.  
**06103**



FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 2 1 0



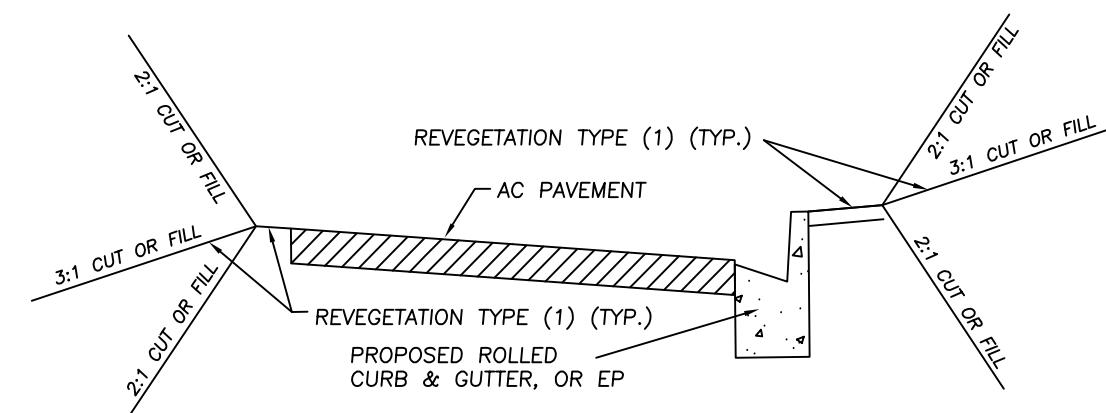
**REVEGETATION WORK LEGEND**

- TYPE (1) - CONTRACTOR TO PLACE 2" (COMPACTED) TOPSOIL MIX; CALIFORNIA CONSERVATION CORPS (CCC) ADDS SEED; CONTRACTOR APPLIES 1" MULCH; CONTRACTOR APPLIES TACKIFIER.
- TYPE (2) - CONTRACTOR TO PLACE 4" (COMPACTED) TOPSOIL MIX; CALIFORNIA CONSERVATION CORPS (CCC) ADDS SEED; CONTRACTOR APPLIES 1" MULCH; CONTRACTOR APPLIES TACKIFIER.
- TYPE (3) - CONTRACTOR TO PLACE 4" (COMPACTED) TOPSOIL MIX IN CHANNEL/BASIN BOTTOM AND ON CHANNEL/BASIN SLOPES/BERMS; CCC ADDS SEED; CONTRACTOR INSTALLS BLANKET; CONTRACTOR APPLIES 1" MULCH TO CHANNEL/BASIN SLOPES/BERMS; CONTRACTOR APPLIES TACKIFIER.
- TYPE (4) - CCC ADDS SEEDS; CONTRACTOR APPLIES 1" MULCH; CONTRACTOR APPLIES TACKIFIER.

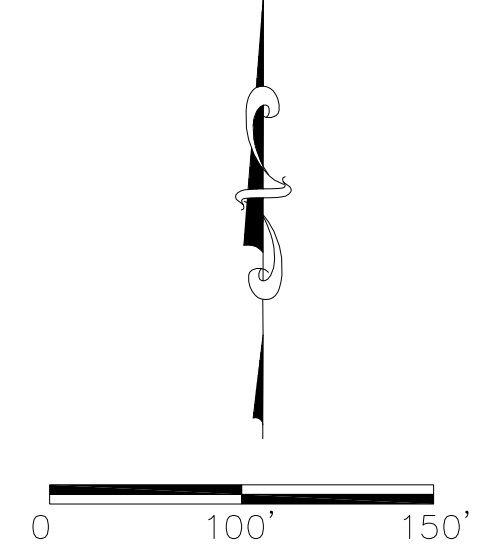
- NOTES:
- 1) REVEGETATION TYPE (1) APPROX. 2'-5' ADJACENT TO CURB AND GUTTER INSTALLATION, EP, AND FLAT AREAS.
  - 2) REVEGETATION TYPE (2) FOR AREAS ASSOCIATED WITH CULVERT INSTALLATION.
  - 3) REVEGETATION TYPE (3) FOR AREAS ASSOCIATED WITH CHANNEL AND BASIN CONSTRUCTION
  - 4) AMENDMENT & MULCH SHALL NOT BE APPLIED TO AREAS WITHIN BASINS BOTTOMS OR CHANNELS.
  - 5) ALL REVEGETATION AREAS DESCRIBED ABOVE WILL BE IRRIGATED WITH A WATER TRUCK FOR TWO YEARS FOLLOWING INSTALLATION TO ENSURE OPTIMUM PLANT SURVIVAL. (BY EDOT)

**LEGEND**

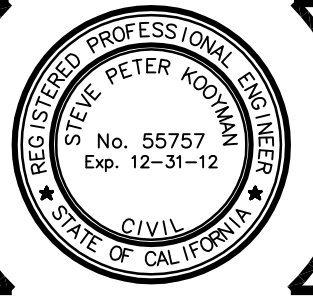
REVEGETATION AREA



TYPICAL C&G REVEGETATION  
NTS

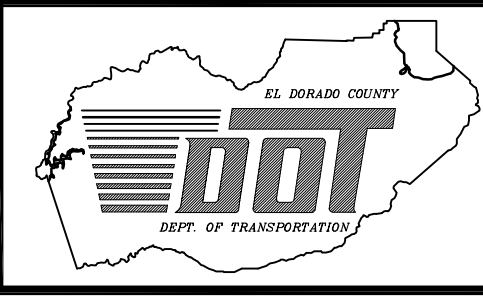


REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/16/2012

DESIGNED: DWK  
 DRAWN: CAD  
 CHECKED: BF  
 DATE: 02/12  
 ROAD NUMBER:



**EL DORADO COUNTY**  
 DEPARTMENT OF TRANSPORTATION

**MONTGOMERY ESTATES AREA 1B**  
 REVEGETATION PLAN

SHEET  
**R-1**  
 25 OF 28  
 CONTRACT NO.  
**PW 11-30603**  
 CIP No.  
**06103**

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 2 1 0

### LEGEND

- PROPOSED STAGING AREA WITH SF
- APPROXIMATE SIGN LOCATION
- W20-1 "ROAD WORK AHEAD" SIGN
- W20-4 "ONE LANE ROAD XXX FT" SIGN
- G20-2 "END ROAD WORK" SIGN
- W3-4 "BE PREPARED TO STOP" SIGN

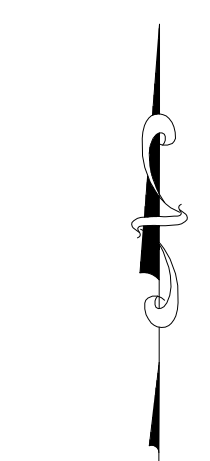
PROPOSED COPPER WAY STAGING AREA, 1,200 ± SF

PROPOSED ALICE LAKE STAGING AREA, 800 ± SF

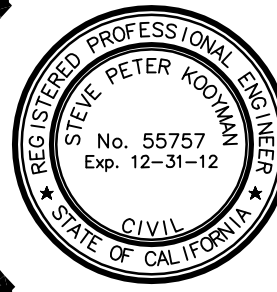
PROPOSED QUARTZ ST STAGING AREA, 3,000 ± SF

- NOTES:
1. THIS PLAN HAS BEEN PREPARED AS A GUIDE TO THE CONTRACTOR IN PREPARATION OF A COMPLETE TRAFFIC CONTROL PLAN AND TO AID IN THE CONTRACTOR'S PLANNING FOR STAGING/STORAGE OF MATERIALS AND EQUIPMENT. THE SIGNING FOR THE DETOURS SHOWN ARE EXAMPLES AND ARE TYPICAL FOR ALL DETOURS THE CONTRACTOR PROPOSES TO IMPLEMENT. THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL INCLUDE DETAILED CONTROLS FOR ALL DETOURS PROPOSED, INCLUDING FLAGGERS, LANE CLOSURES AND SIGNS, DETOURS AND SIGNS, AS APPLICABLE, ROAD CLOSURES AND SIGNS, AS APPLICABLE, FOR ALL ITEMS OF ROAD WORK WHICH WILL REQUIRE ALTERATION OF EXISTING TRAFFIC PATTERNS.
  2. THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL ADDRESS EACH PHASE OF CONSTRUCTION (e.g. PIPE INSTALLATION, CURB AND GUTTER, ROCK PLACEMENT, STRUCTURES ADJACENT TO AND/OR AFFECTING THE ROADWAY, ETC.) AND SHALL CONFORM TO THE CALIFORNIA MUTCD (FHWA MUTCD 2003 REVISION 1, AS AMENDED FOR USE IN CALIFORNIA). THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL ALSO INCLUDE ALL SIGNING REQUIRED AT INTERSECTING STREETS WITHIN THE AREA THAT WILL REQUIRE TRAFFIC CONTROL.
  3. DETOURS WILL BE ALLOWED FOR THE INSTALLATION OF ALL CULVERTS AND CURB AND GUTTER. AT ALL OTHER TIMES, TWO LANES OF TRAFFIC SHALL BE MAINTAINED.
  4. CLOSURE FOR DETOURS WILL BE ALLOWED ONLY DURING WORKING HOURS AND ONLY WHEN WORK IN THE AREA REQUIRING A DETOUR IS IN PROGRESS. AT THE END OF EACH WORK DAY A MINIMUM OF TWO 10 FOOT LANES SHALL BE OPENED TO PUBLIC TRAFFIC. NO DETOUR SHALL PREVENT RESIDENTS FROM ACCESS TO THEIR PROPERTY.
  5. WHEN DETOURS ARE REMOVED AND ROADS ARE OPEN TO PUBLIC TRAFFIC, ALL DRIVEWAYS WITHIN THE WORK AREA SHALL BE ACCESSIBLE AND OPERATIONAL.
  6. THE CONTRACTOR SHALL NOT EXCAVATE MORE THAN CAN BE INSTALLED AND BACKFILLED IN ONE WORKING DAY.
  7. CONTRACTOR'S ATTENTION IS DIRECTED TO SHEET EC-1 & EC-2 OF THESE PLANS AND THE SPECIAL PROVISIONS REGARDING TEMPORARY EROSION CONTROL REQUIREMENTS FOR STAGING AREAS.
  8. CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL INCLUDE SIGNAGE ON PIONEER TRAIL FOR TRAFFIC CONTROL RELATED TO TRUCKS ENTERING PIONEER TRAIL FROM THE PROJECT.
  9. STAGING AREAS SHOWN ARE FOR THE TEMPORARY STORAGE OF CONSTRUCTION MATERIAL AND EQUIPMENT WHICH ARE TO BE USED ON THIS PROJECT. SEE SPECIAL PROVISIONS.

0 200' 400'  
SCALE

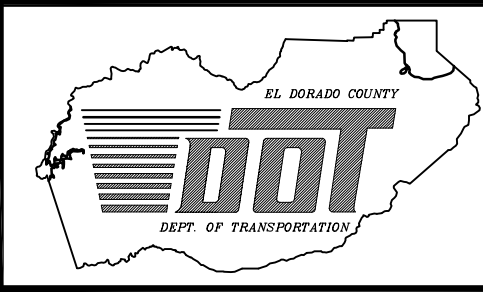


REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/16/2012

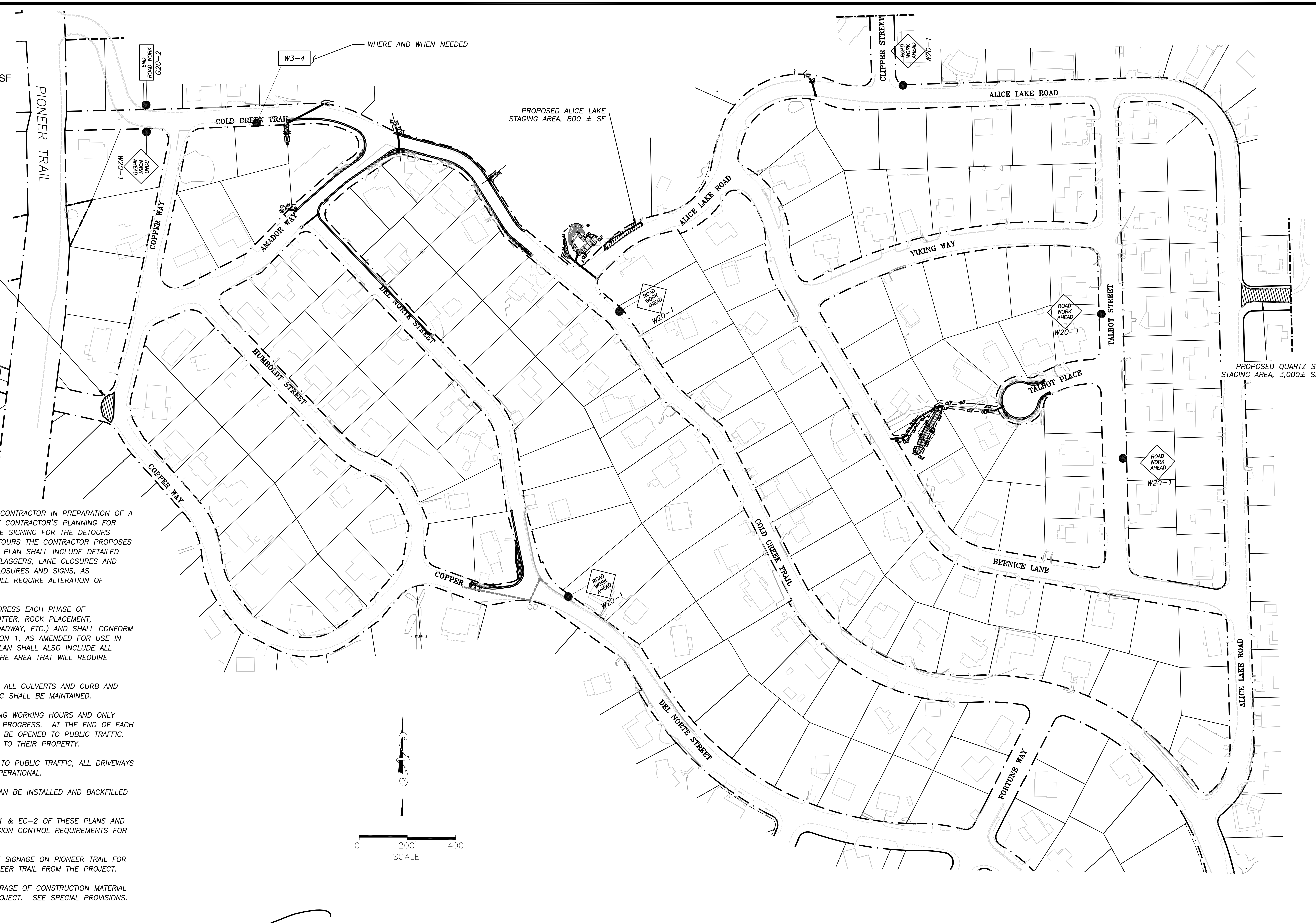
DESIGNED: DWK  
 DRAWN: CAD  
 CHECKED: DSP  
 DATE: 12/2011  
 ROAD NUMBER:



EL DORADO COUNTY  
 DEPARTMENT OF TRANSPORTATION

MONTGOMERY ESTATES AREA 1B  
 TRAFFIC CONTROL & STAGING PLAN

SHEET  
 T-1  
 26 of 28  
 CONTRACT NO.  
 PW 11-30603  
 CIP No.  
 05103



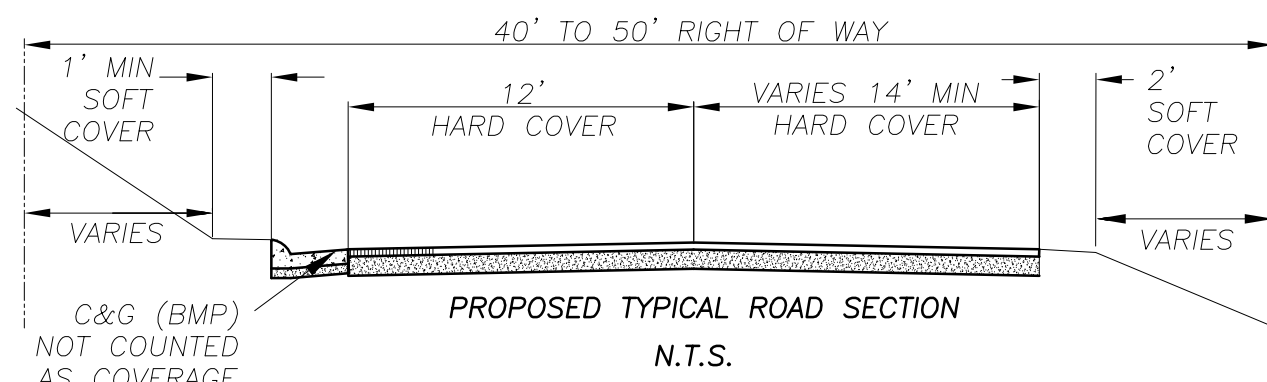
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 2 1 0

COVERAGE TABLE									
AREA	Land Capability Class								
	1b		2		4		5		
	Hard	Soft	Hard	Soft	Hard	Soft	Hard	Soft	
EXISTING	1	-	-	-	460	-	-	-	-
	3	9326	-	5636	81	31579	1291	-	-
	4	-	-	15238	-	14497	-	-	-
	5	2485	190	-	-	56231	1848	-	-
	7	-	418	-	-	37720	2940	5128	544
TOTAL		11.811	608	20.874	541	140.027	6.079	5.128	544
PROPOSED	1	-	-	-	230	-	-	-	-
	3	8738	-	5381	41	27950	645	-	-
	4	-	-	13888	-	14395	-	-	-
	5	2014	95	-	-	52361	925	-	-
	7	-	209	-	-	33596	1470	4672	272
TOTAL		10.752	304	19.269	271	128.302	3.040	4.672	272
COVERAGE TRANSFER (IN)/OUT		1.059	304	1.605	270	11.725	3.039	456	272

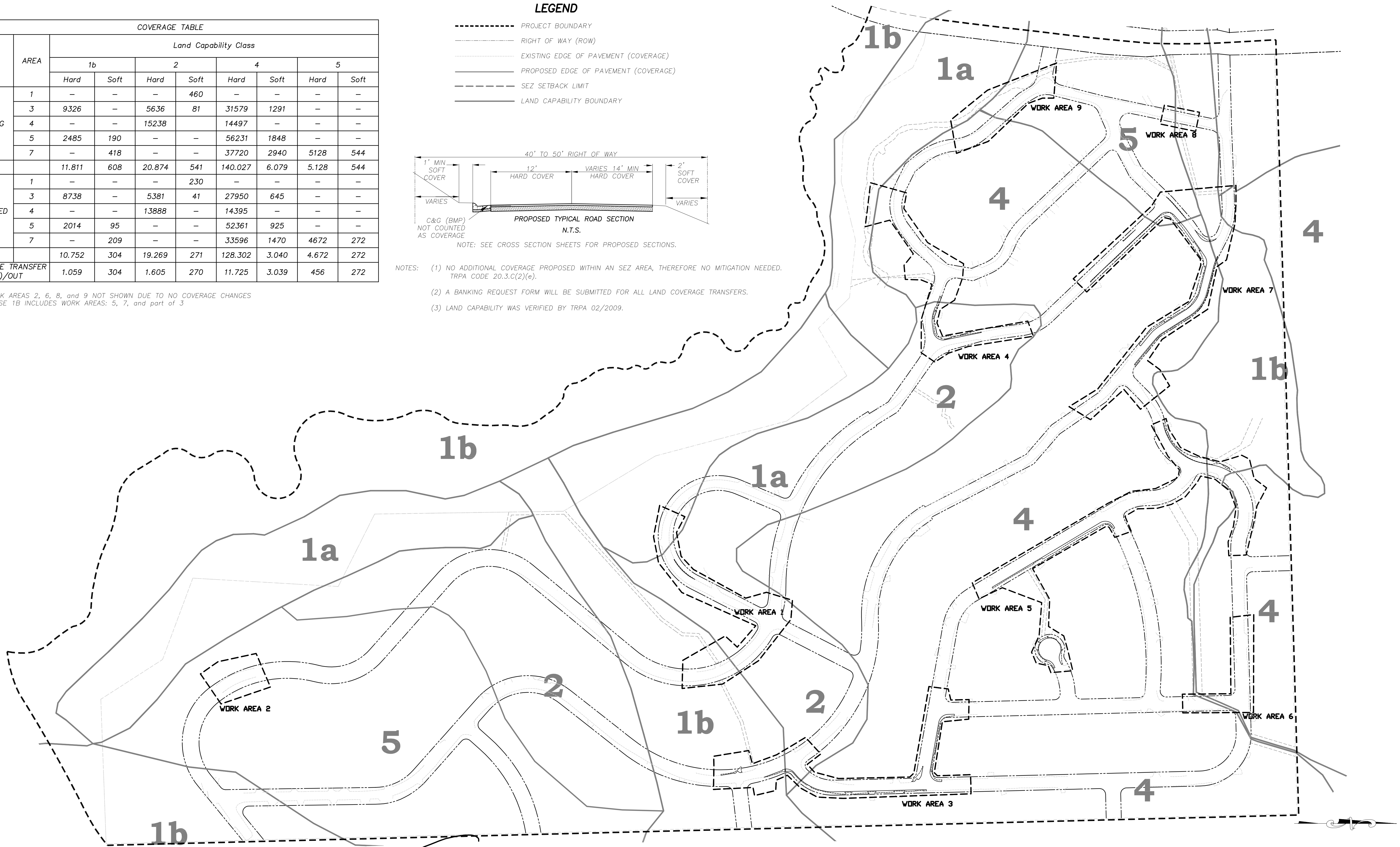
NOTE: WORK AREAS 2, 6, 8, and 9 NOT SHOWN DUE TO NO COVERAGE CHANGES  
PHASE 1B INCLUDES WORK AREAS: 5, 7, and part of 3

**LEGEND**

- PROJECT BOUNDARY
- RIGHT OF WAY (ROW)
- EXISTING EDGE OF PAVEMENT (COVERAGE)
- PROPOSED EDGE OF PAVEMENT (COVERAGE)
- SEZ SETBACK LIMIT
- LAND CAPABILITY BOUNDARY



- NOTES:
- (1) NO ADDITIONAL COVERAGE PROPOSED WITHIN AN SEZ AREA, THEREFORE NO MITIGATION NEEDED. TRPA CODE 20.3.C(2)(e).
  - (2) A BANKING REQUEST FORM WILL BE SUBMITTED FOR ALL LAND COVERAGE TRANSFERS.
  - (3) LAND CAPABILITY WAS VERIFIED BY TRPA 02/2009.



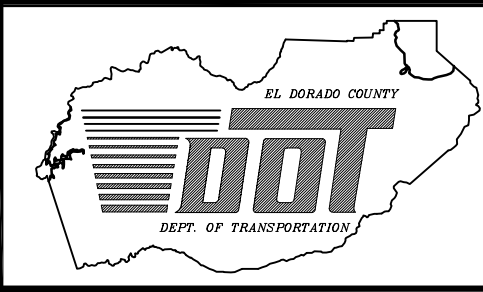
NOT TO SCALE

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
*Signature*  
REGISTERED CIVIL ENGINEER  
DATE: 3/16/2012

DESIGNED: DWK  
DRAWN: CAD  
CHECKED: DSP  
DATE: 12/2011  
ROAD NUMBER:

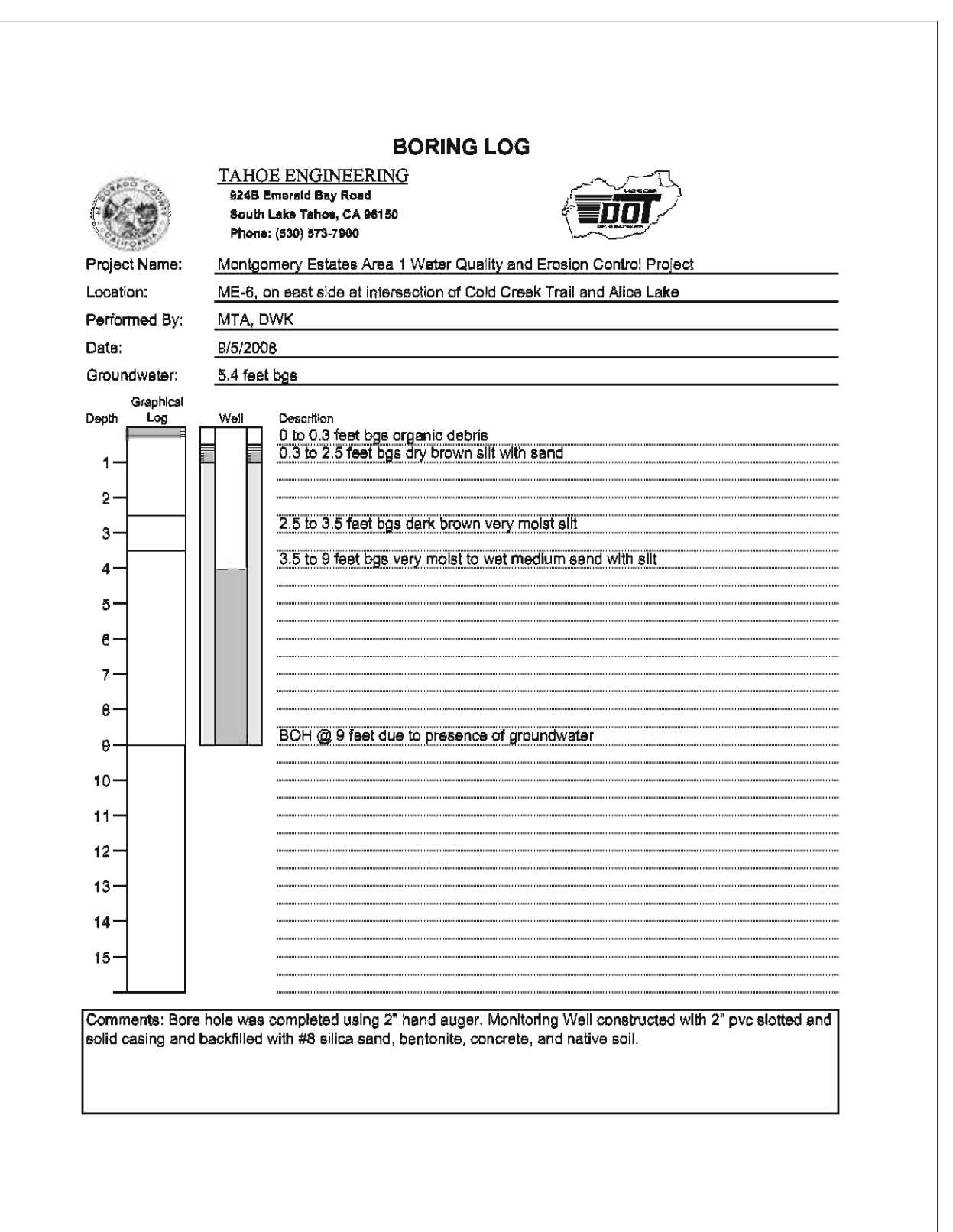
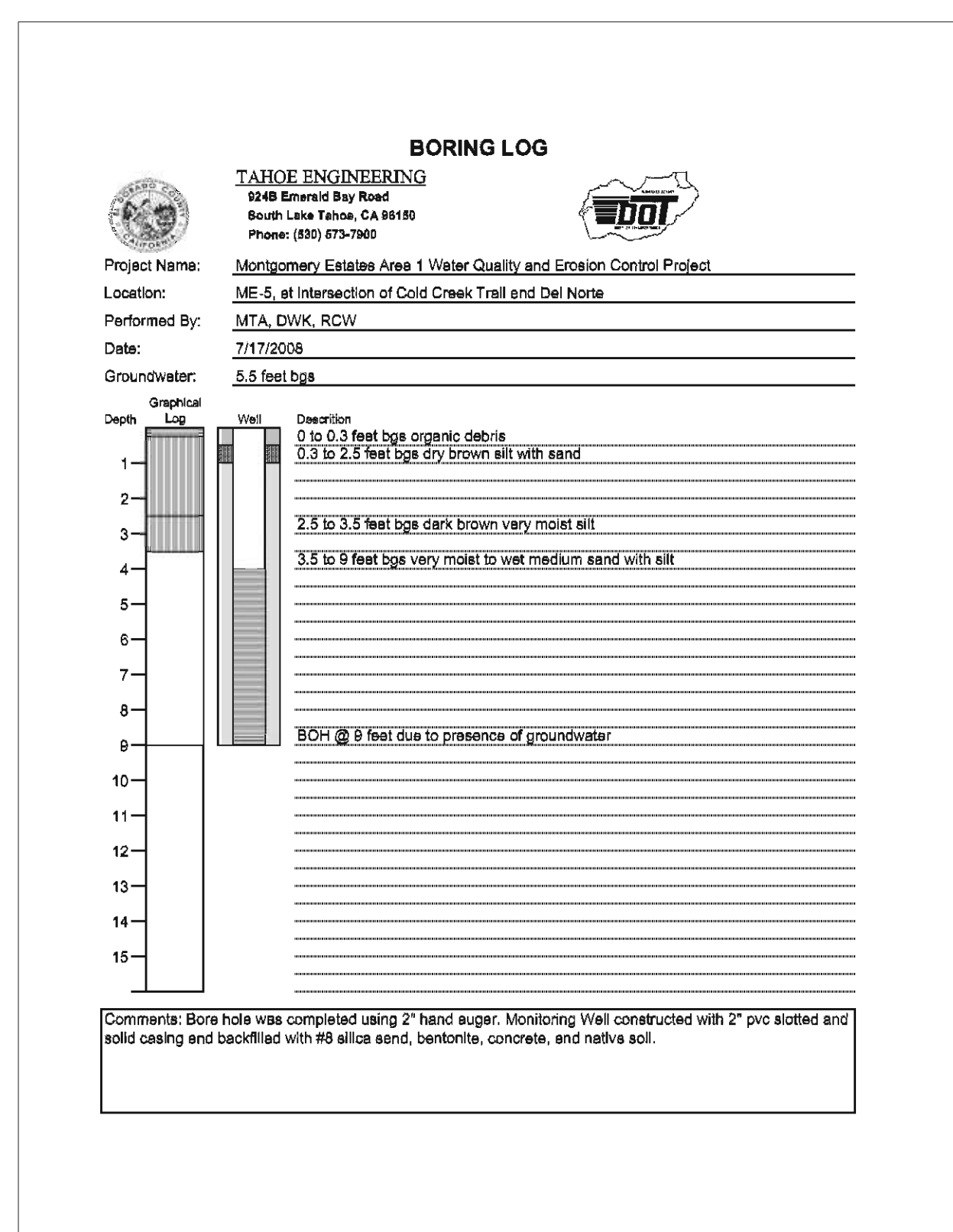
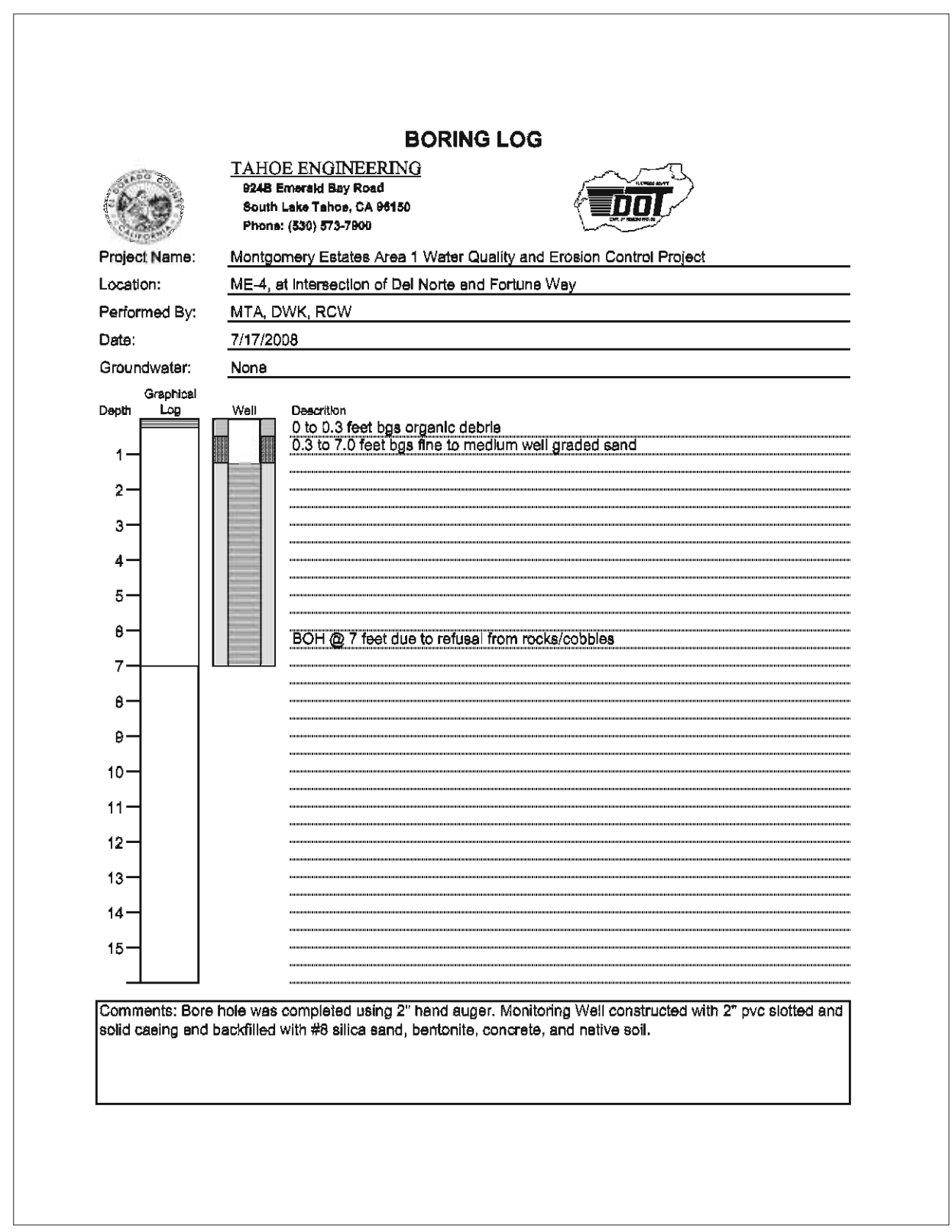
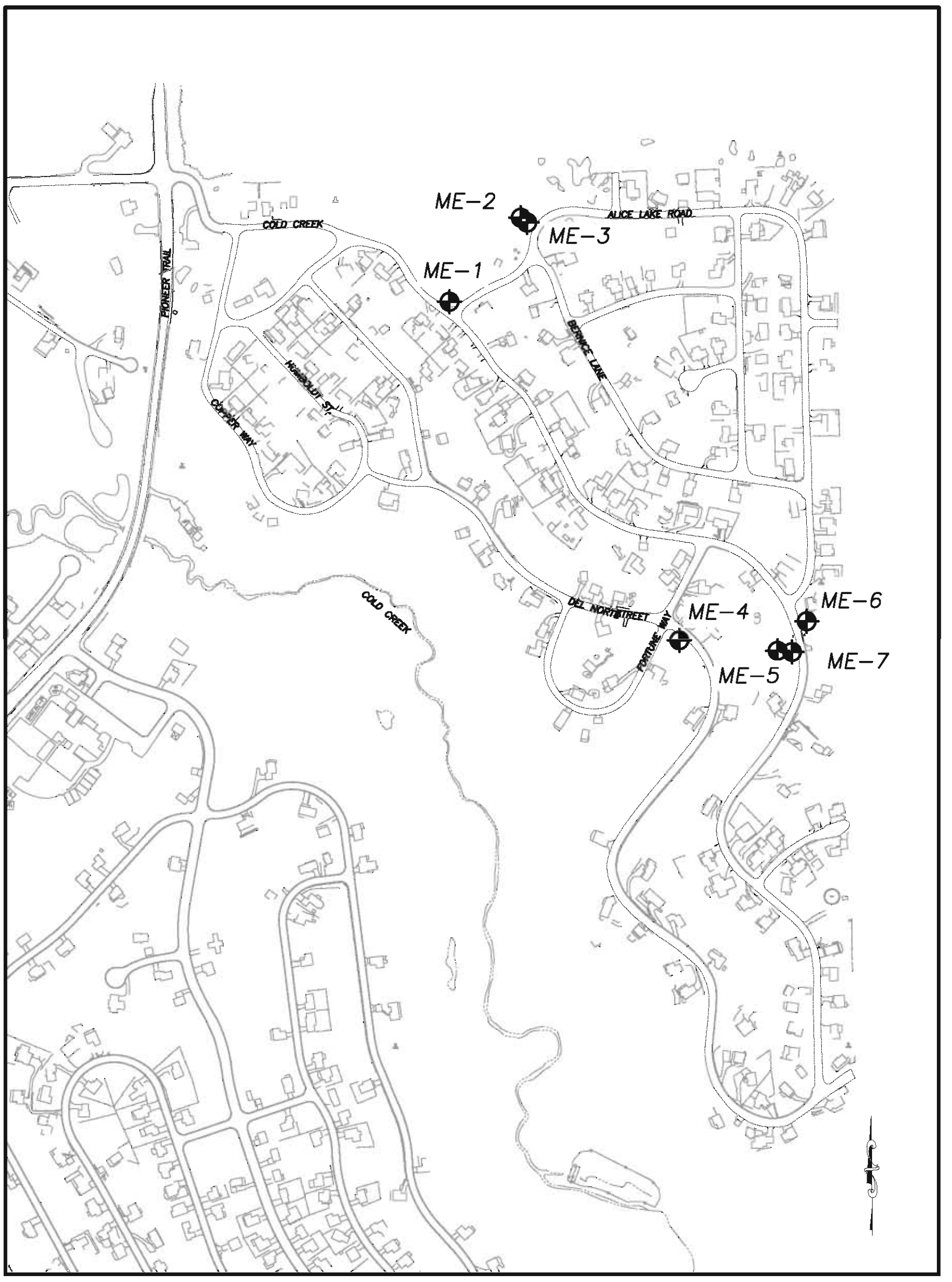
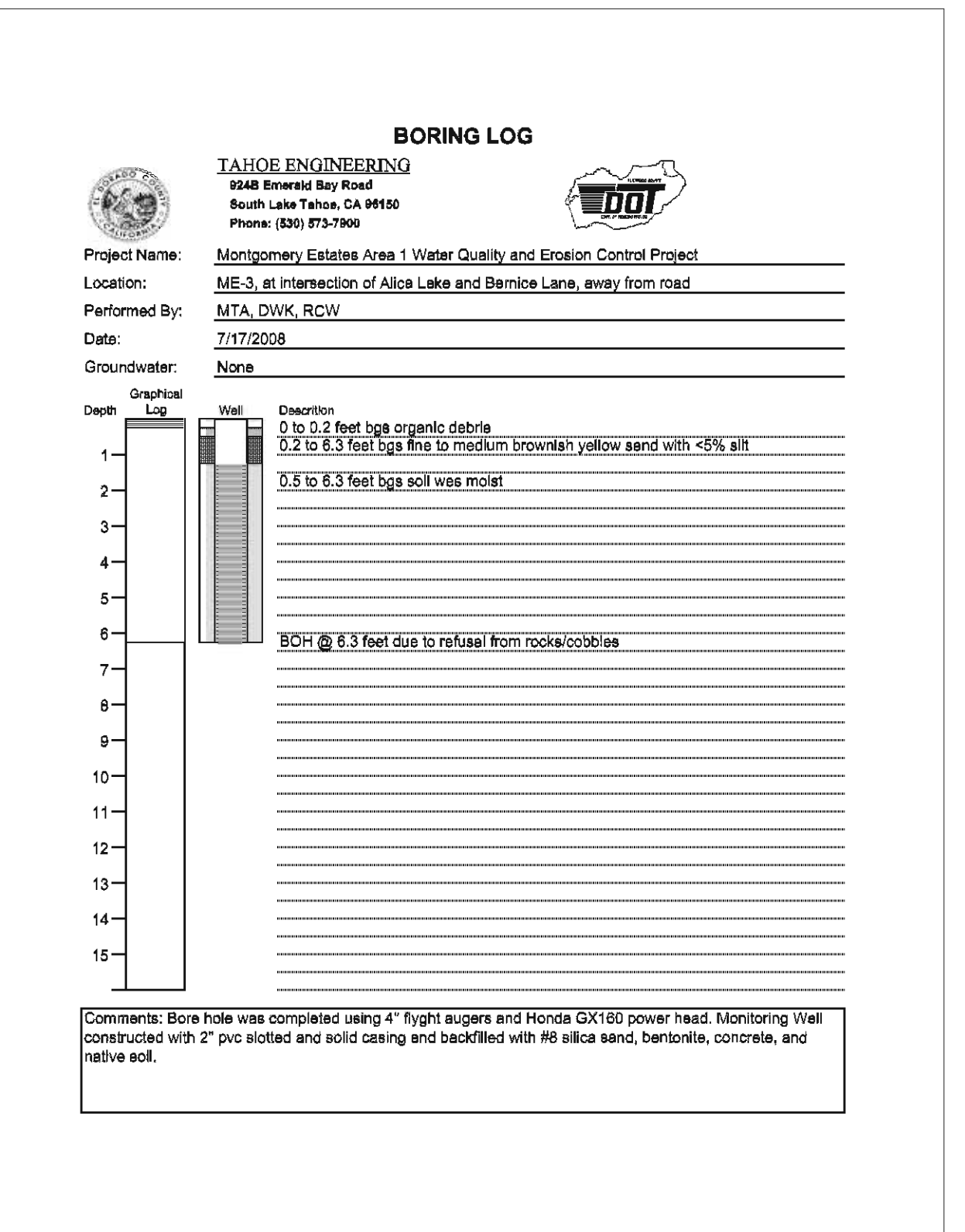
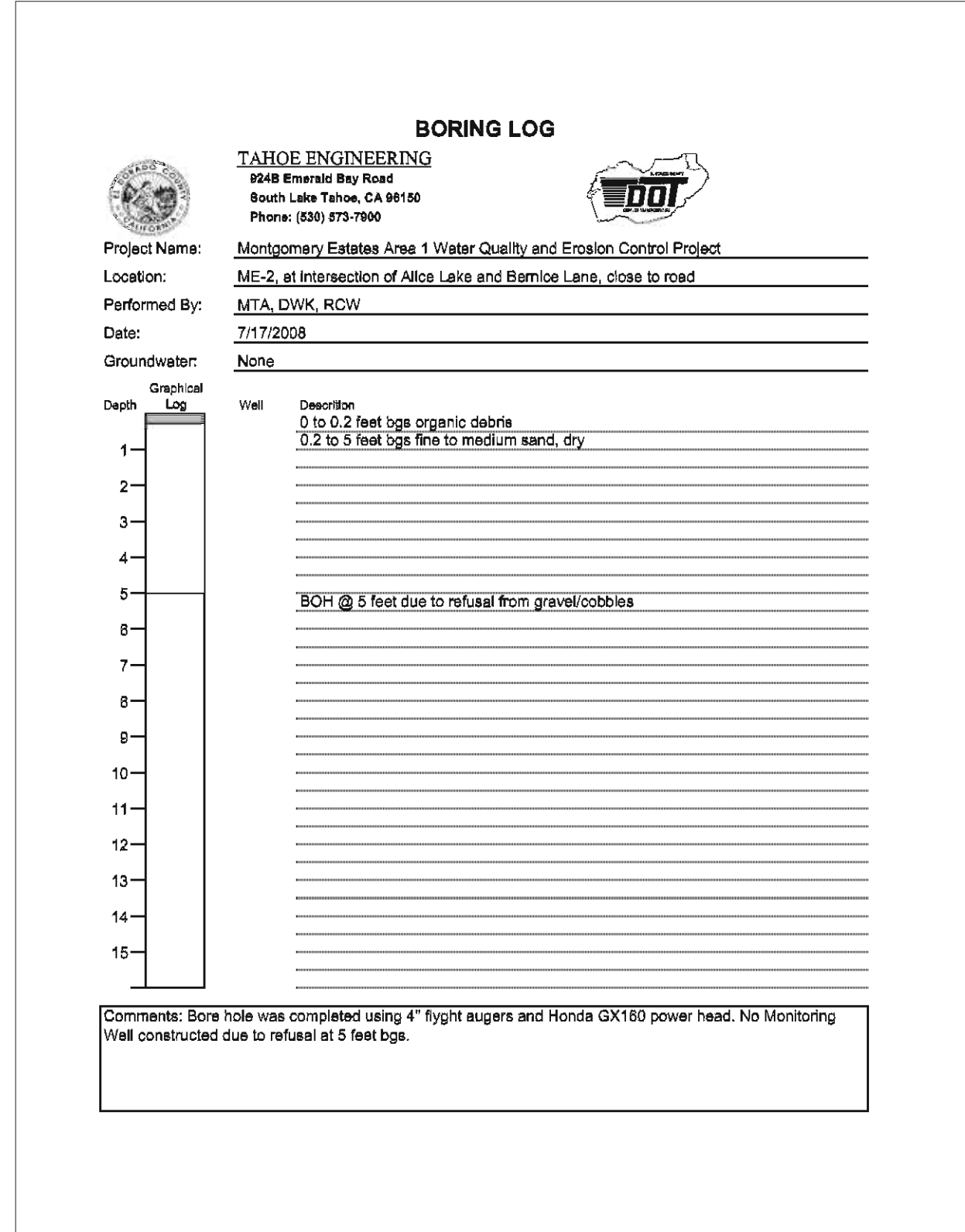
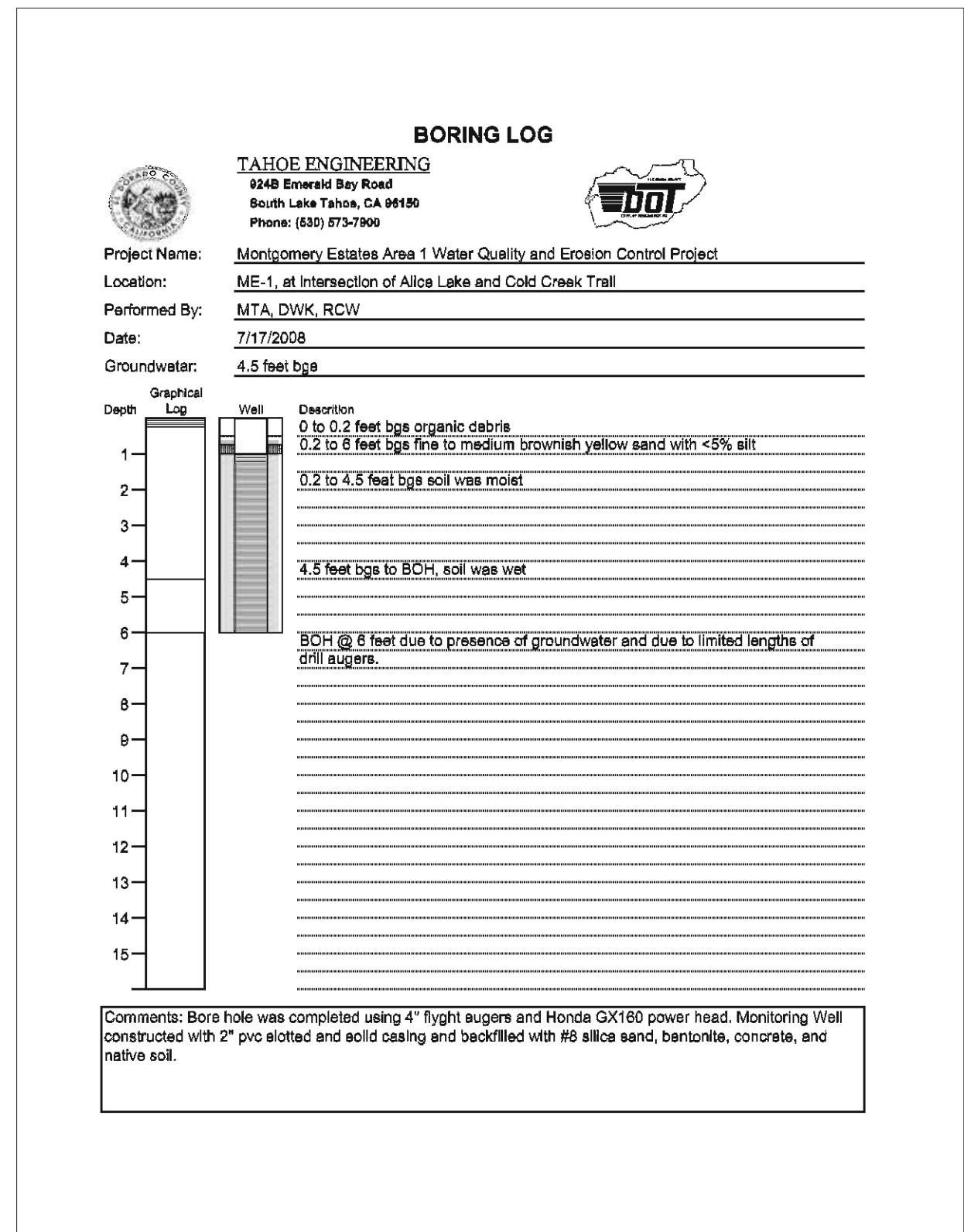


EL DORADO COUNTY  
DEPARTMENT OF TRANSPORTATION

MONTGOMERY ESTATES AREA 1B  
EXISTING & PROPOSED LAND COVERAGE

SHEET L-1  
27 of 28  
CONTRACT NO. PW 11-30603  
CIP No. 05103

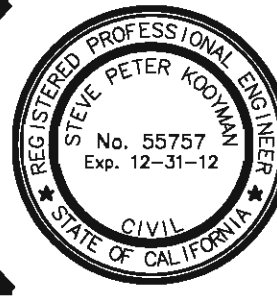
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES Boring name: S:\CIVIL 3D PROJECTS\351035\Engineering\MPL\AL\_1B\ME\_1B\_G-1.dwg



**LEGEND**

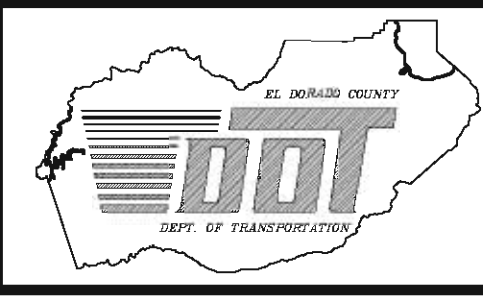
- PAVEMENT CORING LOCATION
- ◆ (TYPICAL) SOIL CHARACTERISTICS LOCATION

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
*[Signature]*  
 REGISTERED CIVIL ENGINEER  
 DATE: 3/16/2012

DESIGNED: DWK  
 DRAWN: CAD  
 CHECKED: DSP  
 DATE: 12/2011  
 ROAD NUMBER:



**EL DORADO COUNTY**  
 DEPARTMENT OF TRANSPORTATION

**MONTGOMERY ESTATES AREA 1B**  
 GEOPHYSICAL CONDITIONS

SHEET  
**G-1**  
 28 of 28  
 CONTRACT NO.  
**PW 11-30603**  
 CIP No.  
**85183**